

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0192210564

Status:

Active

Description:

Compression Style Ring Tongue Terminal for 2 AWG Wire, Stud Size 3/8", Un-Plated, Wide Pad

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

|     |         |
|-----|---------|
| CSA | LR18689 |
| UL  | E32244  |

General

|                         |                          |
|-------------------------|--------------------------|
| Product Family          | Ring and Spade Terminals |
| Series                  | 19221                    |
| Comments                | Heavy Duty               |
| Crimp Quality Equipment | Yes                      |
| Mil-Spec                | N/A                      |
| Product Name            | Battery Cable Lug        |
| Type                    | Ring                     |

Physical

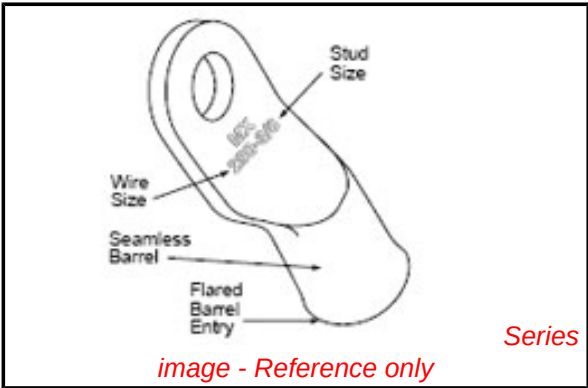
|                              |                      |
|------------------------------|----------------------|
| Barrel Type                  | Closed               |
| Insulation                   | None                 |
| Material - Plating Mating    | Tin                  |
| Packaging Type               | Bag                  |
| Stud Size                    | 3/8" (M9)            |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter     | N/A                  |
| Wire Size AWG                | 2                    |
| Wire Size mm²                | 26.60 - 42.40        |

Material Info

|                 |            |
|-----------------|------------|
| Old Part Number | BCL-238-WP |
|-----------------|------------|

Reference - Drawing Numbers

|               |              |
|---------------|--------------|
| Sales Drawing | SD-19221-010 |
|---------------|--------------|



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

19221Series

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

| Global                                                         |            |
|----------------------------------------------------------------|------------|
| Description                                                    | Product #  |
| Manual tool for Crimping non-insulated 8AWG thru 4/0 Terminals | 0192940008 |
| Die Set (large) for the HHLS Hydraulic Crimper                 | 0192900010 |

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|              | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12                   | 11                        | 10                        | 9                      | 8                         | 7                       | 6                       | 5          | 4          | 3              | 2            | 1             |              |              |             |             |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------|---------------------------|------------------------|---------------------------|-------------------------|-------------------------|------------|------------|----------------|--------------|---------------|--------------|--------------|-------------|-------------|---|----|------|----------|------|------|----------|------|------|----------|------|------|---------|------|------|--------------|--|--|----------|------|----|----------|------------|------|----|----------|-------------|------|----|----------|
|              | UNPLATED MATERIAL NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | UNPLATED ENG. NUMBER | UNPLATED MAT. NO. ON TAPE | UNPLATED ENG. NO. ON TAPE | PLATED MATERIAL NUMBER | PLATED ENGINEERING NUMBER | PLATED MAT. NO. ON TAPE | PLATED ENG. NO. ON TAPE | SEE DETAIL | STUD SIZE  | AWG WIRE RANGE | "S"          | "L"           | "W"          | "C"          | "B"         | "T"         |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| J            | 1922 I0451                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-410              | ---                       | ---                       | 1922 I0452             | BCL-410-PL                | ---                     | ---                     | ---        | 10/(4.83)  | 4              | .214/(5.45)  | 1.500/(38.10) | .531/(13.49) | .429/(10.90) | .286/(7.26) | .080/(2.03) | J |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0404                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-414              | ---                       | ---                       | 1922 I0230             | BCL-414-PL                | ---                     | ---                     | ---        | 1/4/(6.4)  | 4              | .278/(7.06)  | 1.500/(38.10) | .531/(13.49) | .429/(10.90) | .286/(7.26) | .080/(2.03) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-4516             | ---                       | ---                       | 1922 I0231             | BCL-4516-PL               | 190820025               | BCL-4516-PLT            | D          | 5/16/(7.9) | 4              | .340/(8.64)  | 1.500/(38.10) | .531/(13.49) | .429/(10.90) | .286/(7.26) | .080/(2.03) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0461                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-4516-WP          | ---                       | ---                       | 1922 I0460             | BCL-4516-WP-PL            | ---                     | ---                     | ---        | 5/16/(7.9) | 4              | .340/(8.64)  | 1.531/(38.89) | .625/(15.88) | .397/(10.08) | .286/(7.26) | .080/(2.03) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0383                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-438              | ---                       | ---                       | 1922 I0232             | BCL-438-PL                | 190820026               | BCL-438-PLT             | E          | 3/8/(9.5)  | 4              | .400/(10.16) | 1.500/(38.10) | .531/(13.49) | .429/(10.90) | .286/(7.26) | .080/(2.03) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0458                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-438-WP           | ---                       | ---                       | 1922 I0456             | BCL-438-WP-PL             | 190820027               | BCL-438-WP-PLT          | E          | 3/8/(9.5)  | 4              | .400/(10.16) | 1.531/(38.89) | .625/(15.88) | .397/(10.08) | .286/(7.26) | .080/(2.03) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| I            | 1922 I0459                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-438-XWP          | ---                       | ---                       | 1922 I0457             | BCL-438-XWP-PL            | ---                     | ---                     | ---        | 3/8/(9.5)  | 4              | .400/(10.16) | 1.688/(42.88) | .766/(19.46) | .444/(11.28) | .286/(7.26) | .100/(2.54) | I |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0453                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-412              | ---                       | ---                       | 1922 I0454             | BCL-412-PL                | ---                     | ---                     | ---        | 1/2/(12.7) | 4              | .520/(13.21) | 1.688/(42.88) | .766/(19.46) | .444/(11.28) | .286/(7.26) | .100/(2.54) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0419                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-214              | ---                       | ---                       | 1922 I0418             | BCL-214-PL                | 190820001               | BCL-214-PLT             | C          | 1/4/(6.4)  | 2              | .278/(7.06)  | 1.625/(41.28) | .625/(15.88) | .437/(11.10) | .336/(8.53) | .095/(2.41) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-2516             | ---                       | ---                       | 1922 I0233             | BCL-2516-PL               | 190820002               | BCL-2516-PLT            | C          | 5/16/(7.9) | 2              | .340/(8.63)  | 1.625/(41.28) | .625/(15.88) | .437/(11.10) | .336/(8.53) | .095/(2.41) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0380                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-238              | ---                       | ---                       | 1922 I0235             | BCL-238-PL                | ---                     | ---                     | ---        | 3/8/(9.5)  | 2              | .400/(10.16) | 1.625/(41.28) | .625/(15.88) | .437/(11.10) | .336/(8.53) | .095/(2.41) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0564                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-238-WP           | ---                       | ---                       | 1922 I0565             | BCL-238-WP-PL             | ---                     | ---                     | ---        | 3/8/(9.5)  | 2              | .400/(10.16) | 1.750/(44.45) | .750/(19.05) | .474/(12.04) | .336/(8.53) | .095/(2.41) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0399                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-212-WP           | ---                       | ---                       | 1922 I0236             | BCL-212-WP-PL             | ---                     | ---                     | ---        | 1/2/(12.7) | 2              | .520/(13.21) | 1.750/(44.45) | .750/(19.05) | .474/(12.04) | .336/(8.53) | .095/(2.41) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| H            | 1922 I0594                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-110              | ---                       | ---                       | 1922 I0595             | BCL-110-PL                | ---                     | ---                     | ---        | #10/(4.83) | 1              | .214/(5.45)  | 1.718/(43.64) | .656/(16.66) | .446/(11.33) | .360/(9.14) | .100/(2.54) | H |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0421                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-114              | ---                       | ---                       | 1922 I0420             | BCL-114-PL                | ---                     | ---                     | ---        | 1/4/(6.4)  | 1              | .278/(7.06)  | 1.718/(43.64) | .656/(16.66) | .446/(11.33) | .360/(9.14) | .100/(2.54) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0396                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-1516             | ---                       | ---                       | 1922 I0237             | BCL-1516-PL               | ---                     | ---                     | ---        | 5/16/(7.9) | 1              | .340/(8.63)  | 1.718/(43.64) | .656/(16.66) | .446/(11.33) | .360/(9.14) | .100/(2.54) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0378                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-138              | ---                       | ---                       | 1922 I0238             | BCL-138-PL                | ---                     | ---                     | ---        | 3/8/(9.5)  | 1              | .400/(10.16) | 1.718/(43.64) | .656/(16.66) | .446/(11.33) | .360/(9.14) | .100/(2.54) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0580                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-138-WP           | ---                       | ---                       | 1922 I0581             | BCL-138-WP-PL             | ---                     | ---                     | ---        | 3/8/(9.5)  | 1              | .400/(10.16) | 1.844/(46.84) | .750/(19.05) | .474/(12.04) | .360/(9.14) | .100/(2.54) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 1922 I0395                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BCL-112              | ---                       | ---                       | 1922 I0239             | BCL-112-PL                | ---                     | ---                     | ---        | 1/2/(12.7) | 1              | .520/(13.21) | 1.844/(46.84) | .750/(19.05) | .474/(12.04) | .360/(9.14) | .100/(2.54) |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| G            | <div><div><div>4</div><div>LOGO, AWG &amp; STUD SIZE</div></div><div><div>4</div><div>AWG WIRE SIZE STAMPED ON BARREL</div></div><div><div>5</div><div></div></div><div><div>FLARED BARREL FOR EASY WIRE ENTRY</div></div><div><div>"S" DIA.</div></div><div><div>"L"</div></div><div><div>"W"</div></div><div><div>"C"</div></div><div><div>"B" DIA.</div></div><div><div>"T"</div></div></div> <div><div>DETAIL C</div><div>DETAIL D</div><div>DETAIL E</div></div> <div><div>NOTES:<br/>1. FOR INSPECTION SIGHT HOLE, PLEASE CONSULT FACTORY.<br/>2. OTHER STUD SIZES MAY BE AVAILABLE, PLEASE CONSULT FACTORY.<br/>3. MATERIAL: COPPER<br/>PLATING: TIN<br/>4. MARKINGS CAN BE AT EITHER LOCATION SHOWN.<br/>5. IF TONGUE IS TO BE BENT AT ANY ANGLE, IT MUST BE BENT AROUND A RADIUS ONE HALF THE TONGUE THICKNESS.</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             | G |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| F            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             | F |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| E            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             | E |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| D            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             | D |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| C            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             | C |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| B            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             | B |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| A            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             | A |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | <div><div><div>ADDED DETAIL E</div><div>EC NO: ETC2006-0005</div><div>2005/11/23</div><div>DRWNL:SHADECK</div><div>2005/11/23</div><div>CHKD:JDEROSS</div><div>2005/11/23</div><div>APPR:JPW/LCK</div><div>2005/11/23</div></div><div><div>DESCRIPTION</div><div>REV</div></div><div><div>QUALITY SYMBOLS</div><div>▽=0</div><div>▽=0</div></div><div><div>GENERAL TOLERANCES (UNLESS SPECIFIED)</div><div><table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±---</td><td>±---</td></tr><tr><td>3 PLACES</td><td>±---</td><td>±---</td></tr><tr><td>2 PLACES</td><td>±---</td><td>±---</td></tr><tr><td>1 PLACE</td><td>±---</td><td>±---</td></tr><tr><td colspan="2">ANGULAR ±---</td><td></td></tr></table></div><div>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</div></div><div><div>DIMENSION STYLE</div><div>IN/MM</div><div><table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>BE</td><td>06/26/02</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>HB</td><td>06/26/02</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>RD</td><td>06/26/02</td></tr></table></div><div>MATERIAL NO.</div><div>SEE CHART</div></div><div><div>SCALE</div><div>---</div><div>DESIGN UNITS</div><div>INCH</div><div>THIRD ANGLE PROJECTION</div></div><div><div>EYELET STYLE</div><div>COPPER TERMINALS</div><div>4, 2, &amp; 1 AWG LUGS</div><div>MOLEX INCORPORATED</div></div><div><div>SHEET NO.</div><div>1 OF 1</div></div><div><div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div></div></div> |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             |   | mm | INCH | 4 PLACES | ±--- | ±--- | 3 PLACES | ±--- | ±--- | 2 PLACES | ±--- | ±--- | 1 PLACE | ±--- | ±--- | ANGULAR ±--- |  |  | DRAWN BY | DATE | BE | 06/26/02 | CHECKED BY | DATE | HB | 06/26/02 | APPROVED BY | DATE | RD | 06/26/02 |
|              | mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | INCH                 |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| 4 PLACES     | ±---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±---                 |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| 3 PLACES     | ±---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±---                 |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| 2 PLACES     | ±---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±---                 |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| 1 PLACE      | ±---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±---                 |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| ANGULAR ±--- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| DRAWN BY     | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| BE           | 06/26/02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| CHECKED BY   | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| HB           | 06/26/02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| APPROVED BY  | DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
| RD           | 06/26/02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                           |                           |                        |                           |                         |                         |            |            |                |              |               |              |              |             |             |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |
|              | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 11                   | 10                        | 9                         | 8                      | 7                         | 6                       | 5                       | 4          | 3          | 2              | 1            |               |              |              |             |             |   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |              |  |  |          |      |    |          |            |      |    |          |             |      |    |          |