

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0050841030](#)  
**Status:** **Active**  
**Overview:** [mlx](#)  
**Description:** 2.13mm (.084") Diameter MLX™ Power Crimp Housing Plug, 3 Circuits

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-42022-0001 \(PDF\)](#)  
[Product Specification PSX-42022-0002 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family Crimp Housings  
Series [42021](#)  
Comments Glow Wire Equivalent Part Number [366430003](#)  
MolexKits Yes  
Overview [mlx](#)  
Product Name MLX™

**Physical**

Circuits (maximum) 3  
Circuits Detail 3  
Color - Resin Natural  
Flammability 94V-2  
Gender Male  
Glow-Wire Compliant No  
Keying to Mating Part None  
Lock to Mating Part Yes  
Material - Resin Nylon  
Number of Rows 1  
Packaging Type Bag  
Panel Mount No  
Pitch - Mating Interface (in) 0.250 In  
Pitch - Mating Interface (mm) 6.35 mm  
Polarized to Mating Part Yes  
Stackable No  
Temperature Range - Operating -55°C to +105°C

**Electrical**

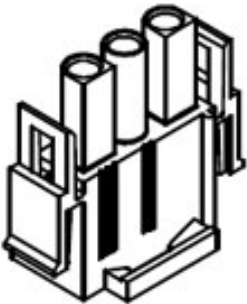
Current - Maximum per Contact 13.5A

**Material Info**

Old Part Number 42021-3A

**Reference - Drawing Numbers**

Packaging Specification PK-42021-\*\*  
Product Specification PS-42022-0001, PSX-42022-0002  
Sales Drawing SD-42021-\*\*, SDIN-42022-0001



Series

image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Halogen-Free  
Status**

**Halogen-Free**

**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**

[42021](#)Series

**Mates With**

[42002](#) MLX™ Power Connector Header,  
[42022](#) MLX™ Pin and Socket Receptacle,  
[43255](#) MLX™ Power Connector Header

**Use With**

MLX Crimp Terminal [42023](#) , [42024](#)



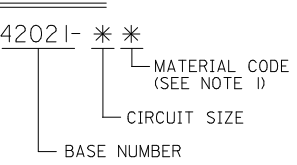
|                                         | 19          | 12        | 11           | 10                       | 9                | 8                | 7               | 6            | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4        | 3 | 2 | 1 |  |
|-----------------------------------------|-------------|-----------|--------------|--------------------------|------------------|------------------|-----------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---|---|---|--|
|                                         | PART NO.    | ENG. NO.  | CIRCUIT SIZE | MATERIAL<br>(SEE NOTE 1) | DIM.<br>"A"      | DIM.<br>"B"      | DIM.<br>"C"     | STATUS       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
| J                                       | 050-84-1010 | 42021-1A  | 1            | A                        | 1.080<br>(27.43) | .290<br>(7.37)   | ----            | ACTIVE       | <div>NOTES:</div> <div>1) MATERIAL CODES:</div> <div>"A"= NYLON TYPE 6/6, 94V-2<br/>COLOR: NATURAL (WHITE/TRANSLUCENT)</div> <div>"B"= NYLON TYPE 6/6, 94V-0<br/>COLOR: (BRICK RED)</div> <div>"C"= NYLON TYPE 6/6, 94V-0<br/>COLOR: NATURAL (WHITE)</div> <div>"D"= NYLON, 94V-2<br/>COLOR: BLACK (ZYTEL 101F)</div> <div>"E"= NYLON 94V-2<br/>COLOUR:NATURAL<br/>GLOW WIRE COMPATIBLE WITH CTI OF 325 VOLTS,<br/>ACCORDING TO IEC 60335-4TH EDITION</div> <div>2) UNLESS OTHERWISE INDICATED, DIMENSIONS<br/>ARE FOR REFERENCE ONLY.</div> <div>3) PLUG HOUSINGS MATE WITH :<br/>- CAP HOUSINGS, .084/(2.13) DIA. SERIES: (42022-***)<br/>- HEADER ASSEMBLY HOUSINGS,<br/>.084/(2.13) DIA. SERIES: (A-42002-*****)</div> <div>4) HOUSINGS DESIGNED TO BE USED WITH TERMINALS :<br/>- PINS, .084/(2.13) DIA. SERIES: (42023-*****)<br/>- SOCKETS, .084/(2.13) DIA. SERIES: (42024-*****)</div> <div>5) CONTACTS ARE ON .250/(6.35) GRID CENTERLINE<br/>SPACING.</div> <div>6) PRODUCT SPECIFICATION PS-42022-0001 APPLIES.</div> <div>7) LEGEND SCHEME IS NOT APPLICABLE FOR GLOW WIRE<br/>COMPATIBLE PART NUMBERS</div> <div>LEGEND:</div> <div>42021- * *</div> <div>MATERIAL CODE<br/>(SEE NOTE 1)</div> <div>CIRCUIT SIZE</div> <div>BASE NUMBER</div> |          |   |   |   |  |
|                                         | 050-84-1011 | 42021-1B  | 1            | B                        |                  |                  |                 | VOID         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1015 | 42021-1C  | 1            | C                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366430001   | 36643-001 | 1            | E                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
| I                                       | 050-84-1020 | 42021-2A  | 2            | A                        | 1.080<br>(27.43) | .580<br>(14.73)  | .300<br>(7.62)  | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1021 | 42021-2B  | 2            | B                        |                  |                  |                 | VOID         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1025 | 42021-2C  | 2            | C                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366430002   | 36643-002 | 2            | E                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
| H                                       | 050-84-1030 | 42021-3A  | 3            | A                        | 1.080<br>(27.43) | .580<br>(14.73)  | .300<br>(7.62)  | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1031 | 42021-3B  | 3            | B                        |                  |                  |                 | VOID         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1035 | 42021-3C  | 3            | C                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366430003   | 36643-003 | 3            | E                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
| G                                       | 050-84-1040 | 42021-4A  | 4            | A                        | 1.080<br>(27.43) | .580<br>(14.73)  | .300<br>(7.62)  | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1041 | 42021-4B  | 4            | B                        |                  |                  |                 | VOID         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1045 | 42021-4C  | 4            | C                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366430004   | 36643-004 | 4            | E                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
| F                                       | 050-84-1060 | 42021-6A  | 6            | A                        | 1.080<br>(27.43) | 1.080<br>(27.43) | .800<br>(20.32) | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1061 | 42021-6B  | 6            | B                        |                  |                  |                 | VOID         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1065 | 42021-6C  | 6            | C                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366430005   | 36643-005 | 6            | E                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
| E                                       | PRELIMINARY | 42021-8A  | 8            | A                        | 1.080<br>(27.43) | .580<br>(14.73)  | .300<br>(7.62)  | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | PRELIMINARY | 42021-8B  | 8            | B                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | PRELIMINARY | 42021-8C  | 8            | C                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1090 | 42021-9A  | 9            | A                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
| D                                       | 050-84-1091 | 42021-9B  | 9            | B                        | 1.080<br>(27.43) | 1.080<br>(27.43) | .800<br>(20.32) | VOID         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1095 | 42021-9C  | 9            | C                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366430006   | 36643-006 | 9            | E                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1120 | 42021-12A | 12           | A                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
| C                                       | 050-84-1121 | 42021-12B | 12           | B                        | 1.080<br>(27.43) | 1.080<br>(27.43) | .800<br>(20.32) | VOID         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1125 | 42021-12C | 12           | C                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366430007   | 36643-007 | 12           | E                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1150 | 42021-15A | 15           | A                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
| B                                       | 050-84-1151 | 42021-15B | 15           | B                        | 1.080<br>(27.43) | 1.080<br>(27.43) | .800<br>(20.32) | VOID         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 050-84-1155 | 42021-15C | 15           | C                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366430008   | 36643-008 | 15           | E                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366480001   | 36648-001 | 1            | D                        |                  |                  |                 | .290(7.37)   | ----                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ACTIVE   |   |   |   |  |
| A                                       | 366480002   | 36648-002 | 2            | D                        | 1.080<br>(27.43) | .580<br>(14.73)  | .300<br>(7.62)  | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366480003   | 36648-003 | 3            | D                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366480004   | 36648-004 | 4            | D                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366480005   | 36648-005 | 6            | D                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
| A                                       | 366480006   | 36648-006 | 9            | D                        | 1.080<br>(27.43) | 1.080<br>(27.43) | .800<br>(20.32) | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366480007   | 36648-007 | 12           | D                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366480008   | 36648-008 | 15           | D                        |                  |                  |                 | ACTIVE       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 366410001   | 36641-001 | 4            | D                        |                  |                  |                 | 1.080(14.73) | .300(7.62)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | OBSOLETE |   |   |   |  |
| A                                       | 366410002   | 36641-002 | 9            | D                        | 1.080(27.43)     | 1.080(27.43)     | .800(20.32)     | OBSOLETE     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         |             |           |              |                          |                  |                  |                 |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
| A                                       |             |           |              |                          |                  |                  |                 |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         |             |           |              |                          |                  |                  |                 |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
| fb_frame_A2_P_AM_T<br>Rev. E 2006/04/15 |             |           |              |                          |                  |                  |                 |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |   |   |   |  |
|                                         | 12          | 11        | 10           | 9                        | 8                | 7                | 6               | 5            | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3        | 2 | 1 |   |  |

|                                                                                                                                             |                               |                                       |                             |                          |                    |                                                                                                                                  |                      |                        |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|-----------------------------|--------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|
| ENTER DESCRIPTION<br>EC NO: I2009-0552<br>2009/12/01<br>DRWN:HMR01<br>2009/12/02<br>CHKD:KPRASAD<br>2009/12/15<br>APPR:KPRASAD<br>REV<br>C4 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |                             | DIMENSION STYLE<br>IN/MM |                    | SCALE<br>1:1                                                                                                                     | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION |
|                                                                                                                                             |                               | mm                                    | INCH                        | DRAWN BY<br>RK           | DATE<br>87/11/16   | TITLE<br>HOUSING, PLUG<br>.084/(2.13) DIA. SERIES                                                                                |                      |                        |
|                                                                                                                                             |                               | 4 PLACES                              | ± ---                       | ± ---                    | CHECKED BY<br>GWf  |                                                                                                                                  | DATE<br>87/11/16     |                        |
|                                                                                                                                             |                               | 3 PLACES                              | ± ---                       | ± .010                   | APPROVED BY<br>GWf |                                                                                                                                  | DATE<br>87/11/16     |                        |
| 2 PLACES                                                                                                                                    | ± 0.25                        | ± 0.14                                | MATERIAL NO.<br>SD-42021-** |                          |                    |                                                                                                                                  |                      |                        |
| 1 PLACE                                                                                                                                     |                               | ± 0.36                                | ± ---                       | ANGULAR ± ---°           |                    | DOCUMENT NO.                                                                                                                     |                      | SHEET NO.<br>2 OF 2    |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                  |                               |                                       |                             | SEE TABLE                |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      |                        |

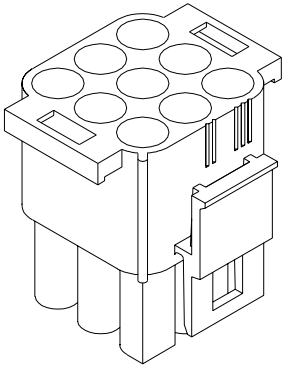
NOTES:

- 1) MATERIAL CODES:
- "A"= NYLON TYPE 6/6, 94V-2  
COLOR: NATURAL (WHITE/TRANSLUCENT)
- "B"= NYLON TYPE 6/6, 94V-0  
COLOR: (BRICK RED)
- "C"= NYLON TYPE 6/6, 94V-0  
COLOR: NATURAL (WHITE)
- "D"= NYLON, 94V-2  
COLOR: BLACK (ZYTEL 101F)
- "E"= NYLON 94V-2  
COLOUR:NATURAL  
GLOW WIRE COMPATIBLE WITH CTI OF 325 VOLTS,  
ACCORDING TO IEC 60335-4TH EDITION
- 2) UNLESS OTHERWISE INDICATED, DIMENSIONS ARE FOR REFERENCE ONLY.
- 3) PLUG HOUSINGS MATE WITH :
- CAP HOUSINGS, .084/(2.13) DIA. SERIES: (42022-\*\*)
  - HEADER ASSEMBLY HOUSINGS, .084/(2.13) DIA. SERIES: (A-42002-\*\*\*\*\*)
- 4) HOUSINGS DESIGNED TO BE USED WITH TERMINALS :
- PINS, .084/(2.13) DIA. SERIES: (42023-\*\*\*\*)
  - SOCKETS, .084/(2.13) DIA. SERIES: (42024-\*\*\*\*)
- 5) CONTACTS ARE ON .250/(6.35) GRID CENTERLINE SPACING.
- 6) PRODUCT SPECIFICATION PS-42022-0001 APPLIES.
- 7) LEGEND SCHEME IS NOT APPLICABLE FOR GLOW WIRE COMPATIBLE PART NUMBERS

LEGEND:

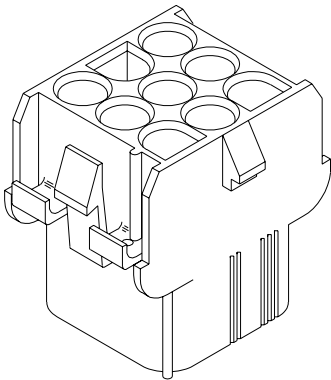


PLUG HOUSING



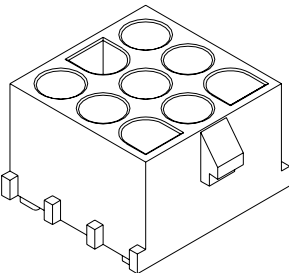
SD-42021-•A (V-2)  
SD-42021-•B (V-0)

CAP HOUSING



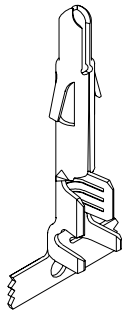
SD-42022-•A (V-2)  
SD-42022-•B (V-0)

HEADER ASSEMBLY



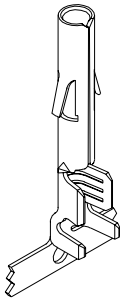
SDA-42002-•A1•1 (V-2, PIN TERMINALS)  
SDA-42002-•B1•1 (V-0, PIN TERMINALS)  
SDA-42002-•A2•1 (V-2, SOCKET TERMINALS)  
SDA-42002-•B2•1 (V-0, SOCKET TERMINALS)

SPLIT PIN TERMINAL



SD-42023-2A1 (BRASS, TIN PLATED)  
SD-42023-2A2 (BRASS, GOLD PLATED)  
SD-42023-2B1 (PHOSPHOR BRONZE, TIN PLATED)  
SD-42023-2B2 (PHOSPHOR BRONZE, GOLD PLATED)

SOCKET TERMINAL



SD-42024-1A1 (BRASS, TIN PLATED)  
SD-42024-1A2 (BRASS, GOLD PLATED)  
SD-42024-1B1 (PHOSPHOR BRONZE, TIN PLATED)  
SD-42024-1B2 (PHOSPHOR BRONZE, GOLD PLATED)

|                                                                                   |                    |                                          |                                           |  |                                                         |                                                                                                                                   |                                                                                                              |                                                                                                       |                                |                       |           |
|-----------------------------------------------------------------------------------|--------------------|------------------------------------------|-------------------------------------------|--|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------|-----------|
| P/N NO. I2004-0443<br>DRWN: BSS 26/04/04<br>CHK: GJ 26/04/04<br>APPR: GJ 26/04/04 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br>MAJOR =<br>CRITICAL = | GENERAL TOLERANCES:<br>(UNLESS SPECIFIED) |  | SCALE<br>N.T.S.                                         | DESIGN UNITS<br><input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH                                              |  THIRD ANGLE PROJECTION | <input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH <input type="checkbox"/> mm ONLY |                                | REVISE ON<br>CAD ONLY |           |
|                                                                                   |                    |                                          |                                           |  |                                                         |                                                                                                                                   |                                                                                                              | <input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH                                  |                                |                       |           |
|                                                                                   |                    |                                          |                                           |  | 4 PLACES ±0. ±.                                         | DRAWN BY & DATE<br>MAB 08/05/92                                                                                                   |                                                                                                              | TITLE: MLX<br>CONNECTOR FAMILY                                                                        |                                |                       |           |
|                                                                                   |                    |                                          |                                           |  | 3 PLACES ±0. ±.                                         | CHECKED BY & DATE<br>KBP 08/05/92                                                                                                 |                                                                                                              | MOLEX INCORPORATED                                                                                    |                                |                       |           |
| B                                                                                 |                    |                                          |                                           |  | 2 PLACES ±0. ±.                                         | APPROVED BY & DATE<br>RAS 08/05/92                                                                                                | CAD FILENAME<br>SDIN42002.DGN                                                                                | MATERIAL NO.<br>PRELIMINARY                                                                           | DRAWING NO.<br>SDIN-42022-0001 | SHEET NO.<br>1 OF 1   | SIZE<br>C |
|                                                                                   |                    |                                          |                                           |  | 1 PLACE ±0. ±.                                          |                                                                                                                                   |                                                                                                              |                                                                                                       |                                |                       |           |
|                                                                                   |                    |                                          |                                           |  | ANGULAR: ± 1/2 °                                        |                                                                                                                                   |                                                                                                              |                                                                                                       |                                |                       |           |
|                                                                                   |                    |                                          |                                           |  | DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |                                                                                                              |                                                                                                       |                                |                       |           |