

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

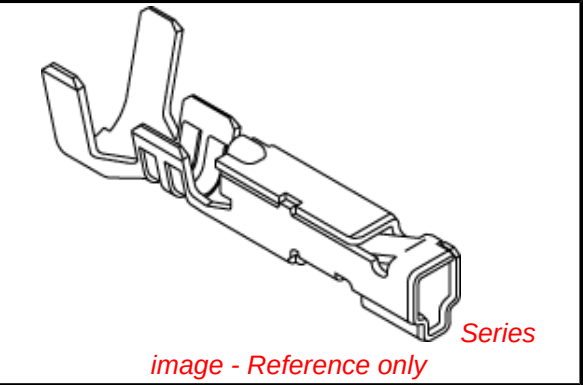
0561878000

Status:

Active

Description:

3.30mm (.130") Pitch Crimp Terminal 56187, Female, 18-20 AWG, Reel, for 51284/51347 Housings



|                                                          |                                                          |
|----------------------------------------------------------|----------------------------------------------------------|
| Documents:                                               |                                                          |
| <a href="#">3D Model</a>                                 | <a href="#">Product Specification PS-51284-002 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Product Specification PS-51347-001 (PDF)</a> |
| <a href="#">Product Specification PS-51284-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

|                                |                                                                                                                                                                                                                                                            |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General                        |                                                                                                                                                                                                                                                            |
| Product Family                 | Crimp Terminals                                                                                                                                                                                                                                            |
| Series                         | 56187                                                                                                                                                                                                                                                      |
| Crimp Quality Equipment        | Yes                                                                                                                                                                                                                                                        |
| Product Name                   | N/A                                                                                                                                                                                                                                                        |
| Physical                       |                                                                                                                                                                                                                                                            |
| Gender                         | Female                                                                                                                                                                                                                                                     |
| Material - Metal               | Phosphor Bronze                                                                                                                                                                                                                                            |
| Material - Plating Mating      | Tin                                                                                                                                                                                                                                                        |
| Material - Plating Termination | Tin                                                                                                                                                                                                                                                        |
| Packaging Type                 | Reel                                                                                                                                                                                                                                                       |
| Plating min: Mating (µin)      | 36                                                                                                                                                                                                                                                         |
| Plating min: Mating (µm)       | 0.90                                                                                                                                                                                                                                                       |
| Plating min: Termination (µin) | 36                                                                                                                                                                                                                                                         |
| Plating min: Termination (µm)  | 0.90                                                                                                                                                                                                                                                       |
| Termination Interface: Style   | Crimp or Compression                                                                                                                                                                                                                                       |
| Wire Insulation Diameter       | 2.60mm (.102") max.                                                                                                                                                                                                                                        |
| Wire Size AWG                  | 18, 20                                                                                                                                                                                                                                                     |
| Wire Size mm²                  | N/A                                                                                                                                                                                                                                                        |
| Material Info                  |                                                                                                                                                                                                                                                            |
| Reference - Drawing Numbers    |                                                                                                                                                                                                                                                            |
| Product Specification          | PS-51284-001, PS-51284-002, PS-51347-001, RPS-51284-003, RPS-51284-004, RPS-51284-005, RPS-51284-006, RPS-51284-007, RPS-51284-008, RPS-51284-009, RPS-51284-010, RPS-51284-011, RPS-51347-002, RPS-51347-003, RPS-51347-004, RPS-51347-005, RPS-51347-006 |
| Sales Drawing                  | SD-501328-001, SD-501329-001, SD-501395-001, SD-56187-002                                                                                                                                                                                                  |

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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

56187Series

Mates With

56265 , 56279

Use With

51284 , 51347

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 #  |
| Extraction Tool | 0638132700 |

Japan

|                                                  |            |
|--------------------------------------------------|------------|
| Description                                      | Product #  |
| Applicator for M211A Bench Press, 18-26 AWG, for | 0574113000 |

This document was generated on 04/19/2010

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F

E

D

C

B

A

F

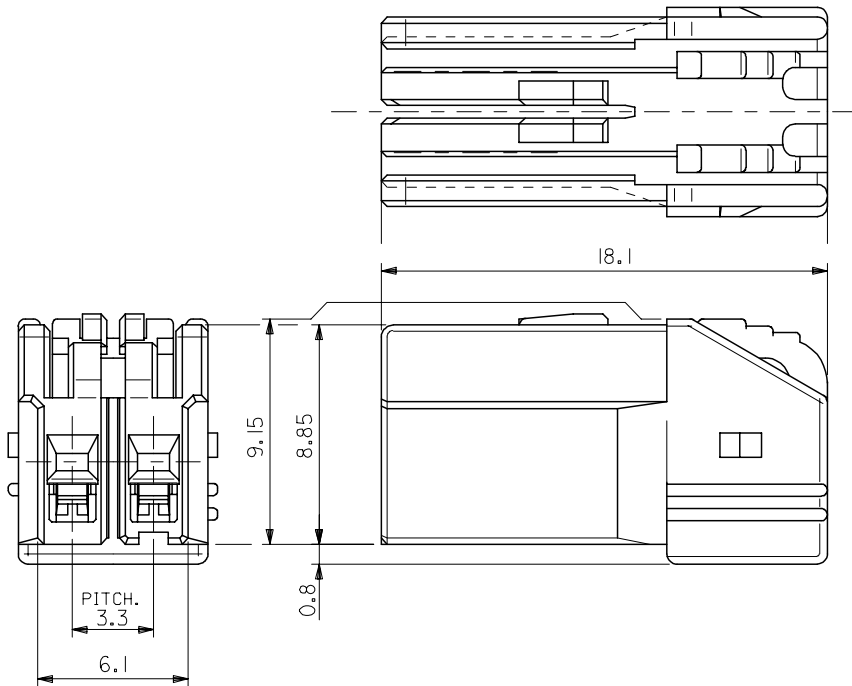
E

D

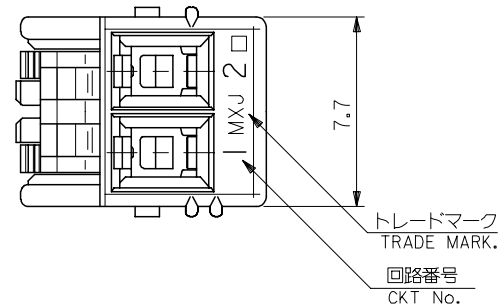
C

B

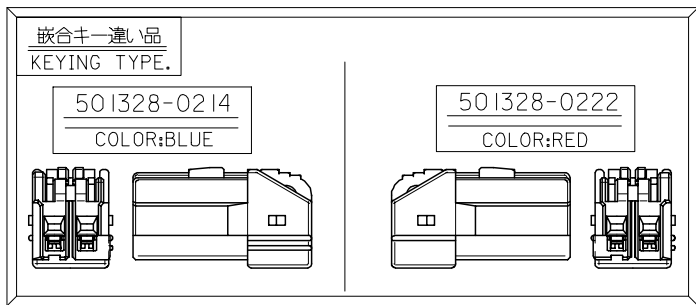
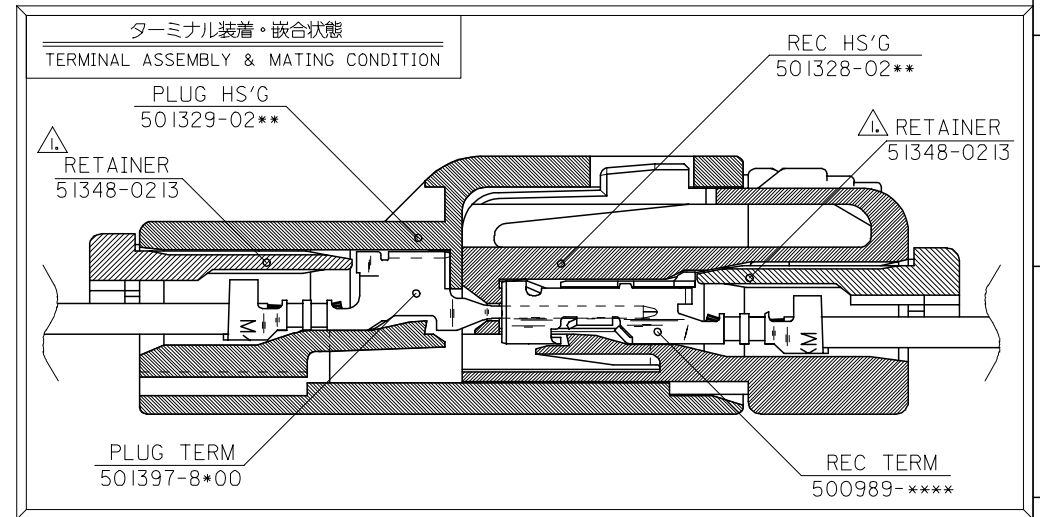
A



本形状は 501328-0200 を示す。  
SHAPE OF 501328-0200



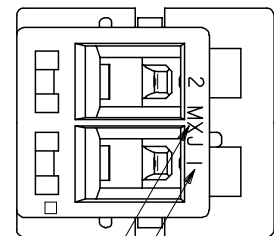
- 注記  
NOTES.
- △ 適合リテーナ : 51348-0213  
APPLICABLE RETAINER  
詳細は SD-51348-001 を参照下さい。  
REFERENCE:SD-51348-001
  - 2. 材料 : NYLON66,UL94V-0  
MATERIAL



|       |              |             |
|-------|--------------|-------------|
| BLUE  | 501328-0214  | 501328-02** |
| RED   | 501328-0222  |             |
| WHITE | 501328-0200  |             |
| COLOR | MATERIAL No. | MODEL No.   |

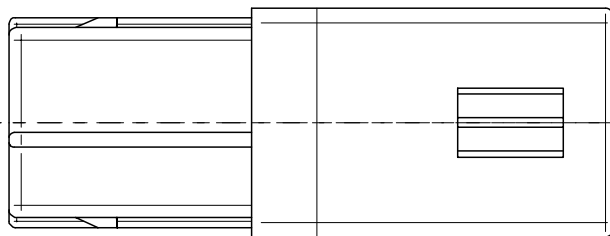
|                                                                                                                               |                    |                                          |                                                                                                                                  |                          |           |                                                |              |                                                                                                                 |  |  |
|-------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------|------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------|--|--|
| RELEASED<br>EC NO: J2005-2177<br>DRWN:T00A<br>CHKD:KASAKAWA<br>APPR:S ICHIKAWA<br>2005/03/31<br>2005/03/31<br>2005/03/31<br>A | DESCRIPTION<br>REV | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                                                                                                                                  | DIMENSION STYLE          |           | SCALE                                          | DESIGN UNITS |  THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                               |                    |                                          |                                                                                                                                  | MM ONLY                  |           | 5:1                                            | METRIC       |                                                                                                                 |  |  |
|                                                                                                                               |                    | 10 UNDER                                 | ±0.2                                                                                                                             | DRAWN BY                 | DATE      | TITLE<br>3.3 W/W INERTIA LOCK<br>CONN REC 2CKT |              |                                                                                                                 |  |  |
|                                                                                                                               |                    | 10 OVER 30 UNDER                         | ±0.25                                                                                                                            | CHECKED BY               | DATE      |                                                |              |                                                                                                                 |  |  |
|                                                                                                                               |                    | 30 OVER                                  | ±0.3                                                                                                                             | K.ASAKAWA                | '04/09/30 |                                                |              |                                                                                                                 |  |  |
|                                                                                                                               |                    | APPROVED BY                              | DATE                                                                                                                             | MOLEX MOLEX INCORPORATED |           |                                                |              |                                                                                                                 |  |  |
|                                                                                                                               | S.ICHIKAWA         | '04/09/30                                |                                                                                                                                  |                          |           |                                                |              |                                                                                                                 |  |  |
| ANGULAR ±3 °                                                                                                                  |                    | MATERIAL NO.                             |                                                                                                                                  | DOCUMENT NO.             |           |                                                |              | SHEET NO.                                                                                                       |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                    |                    | SEE CHART                                |                                                                                                                                  | SD-501328-001            |           |                                                |              | 1 OF 1                                                                                                          |  |  |
|                                                                                                                               |                    | SIZE<br>A3                               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                          |           |                                                |              |                                                                                                                 |  |  |

10 9 8 7 6 5 4 3 2 1

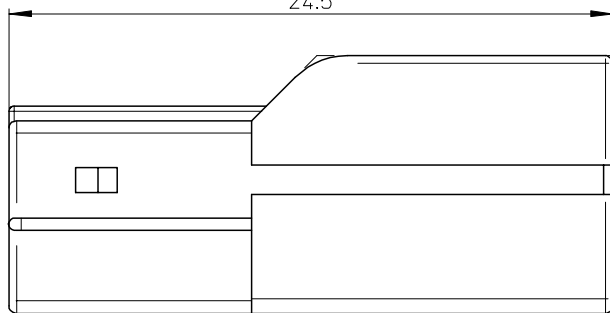


トレードマーク  
TRADE MARK.

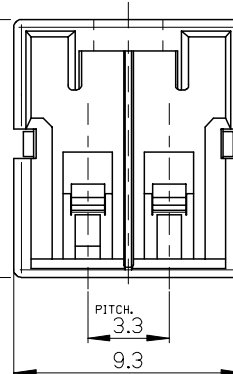
回路番号  
CKT No.



24.5



10.45



PITCH  
3.3  
9.3

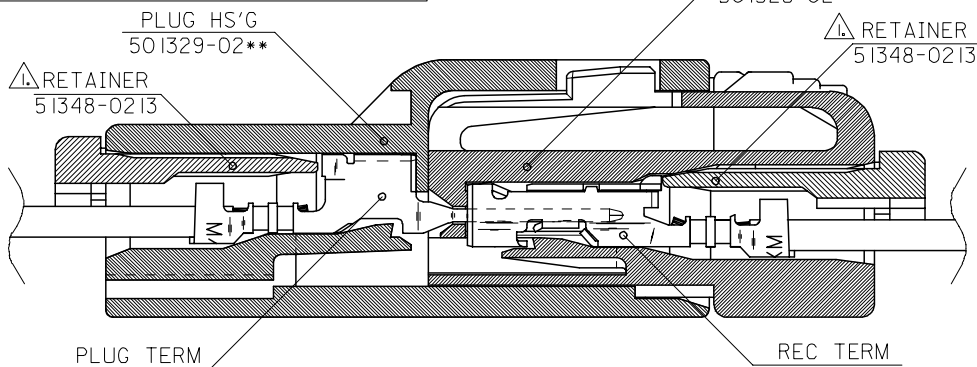
注記  
NOTES.

△ 適合リテーナ : 51348-0213  
APPLICABLE RETAINER  
詳細は SD-51348-001 を参照下さい。  
REFERENCE:SD-51348-001

2. 材料 : NYLON66,UL94V-0  
MATERIAL

本形状は 501329-0200 を示す。  
SHAPE OF 501329-0200

ターミナル装着・嵌合状態  
TERMINAL ASSEMBLY & MATING CONDITION



PLUG HS'G  
501329-02\*\*

△ RETAINER  
51348-0213

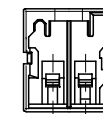
REC HS'G  
501328-02\*\*  
△ RETAINER  
51348-0213

PLUG TERM

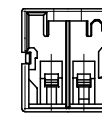
REC TERM

嵌合キー違い品  
KEYING TYPE.

501328-0214  
COLOR:BLUE



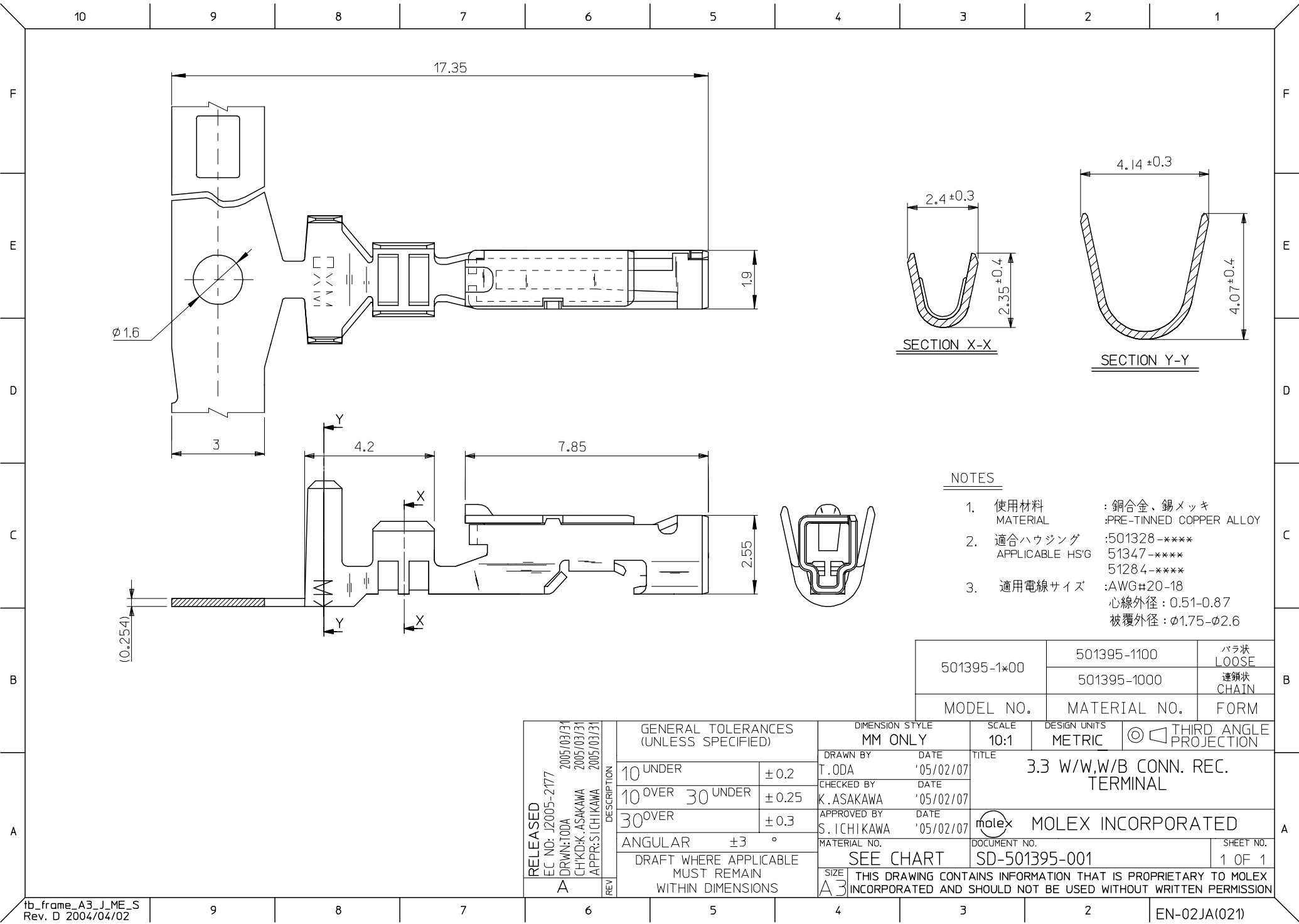
501328-0222  
COLOR:RED



|       |              |             |
|-------|--------------|-------------|
| BLUE  | 501329-0214  | 501329-02** |
| RED   | 501329-0222  |             |
| WHITE | 501329-0200  |             |
| COLOR | MATERIAL No. | MODEL No.   |

|                                                                                           |                                                              |                                                            |       |                            |                   |                                                 |                        |                                                                                                                 |                          |  |  |           |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------|-------|----------------------------|-------------------|-------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------|--|--|-----------|
| RELEASED<br>EC NO: J2005-2177<br>DRWN: T00A<br>CHKD: K. ASAKAWA<br>APPR: S. ICHIKAWA<br>A | 2005/03/31<br>2005/03/31<br>2005/03/31<br>DESCRIPTION<br>REV | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |       | DIMENSION STYLE<br>MM ONLY |                   | SCALE<br>5:1                                    | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |                          |  |  |           |
|                                                                                           |                                                              | 10 UNDER                                                   | ±0.2  | DRAWN BY<br>T. ODA         | DATE<br>'04/09/30 | TITLE<br>3.3 W/W INERTIA LOCK<br>CONN PLUG 2CKT |                        |                                                                                                                 |                          |  |  |           |
|                                                                                           |                                                              | 10 OVER 30 UNDER                                           | ±0.25 | CHECKED BY<br>K. ASAKAWA   | DATE<br>'04/09/30 |                                                 |                        |                                                                                                                 |                          |  |  |           |
|                                                                                           |                                                              | 30 OVER                                                    | ±0.3  | APPROVED BY<br>S. ICHIKAWA | DATE<br>'04/09/30 |                                                 |                        |                                                                                                                 | MOLEX MOLEX INCORPORATED |  |  |           |
|                                                                                           |                                                              | ANGULAR ±3 °                                               |       | MATERIAL NO.               |                   | DOCUMENT NO.                                    |                        |                                                                                                                 |                          |  |  | SHEET NO. |
|                                                                                           |                                                              | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | SEE CHART                  |                   | SD-501329-001                                   |                        |                                                                                                                 |                          |  |  | 1 OF 1    |

|    |                                                                                                                                  |
|----|----------------------------------------------------------------------------------------------------------------------------------|
| A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |
|----|----------------------------------------------------------------------------------------------------------------------------------|



- NOTES
- 1. 使用材料 : 銅合金、錫メッキ  
MATERIAL : PRE-TINNED COPPER ALLOY
  - 2. 適合ハウジング : 501328-\*\*\*\*  
APPLICABLE HS'G : 51347-\*\*\*\*  
51284-\*\*\*\*
  - 3. 適用電線サイズ : AWG#20-18  
心線外径 : 0.51-0.87  
被覆外径 : 0.75-0.96

|             |              |              |
|-------------|--------------|--------------|
| 501395-1*00 | 501395-1100  | バラ状<br>LOOSE |
|             | 501395-1000  | 連鎖状<br>CHAIN |
| MODEL NO.   | MATERIAL NO. | FORM         |

|                                                                                                                                  |             |                                                            |        |                            |                                                                                                                                  |                                             |                        |                                                                                                                 |              |
|----------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|--------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|--------------|
| RELEASED<br>EC NO: J2005-2177<br>DRWN:T00A<br>CHKD:K. ASAKAWA<br>APPR:S. ICHIKAWA<br>2005/03/31<br>2005/03/31<br>2005/03/31<br>A | DESCRIPTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |        | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>10:1                               | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |              |
|                                                                                                                                  |             | 10 UNDER                                                   | ± 0.2  | DRAWN BY<br>T. ODA         | DATE<br>'05/02/07                                                                                                                | TITLE<br>3.3 W/W,W/B CONN. REC.<br>TERMINAL |                        |                                                                                                                 |              |
|                                                                                                                                  |             | 10 OVER 30 UNDER                                           | ± 0.25 | CHECKED BY<br>K. ASAKAWA   | DATE<br>'05/02/07                                                                                                                |                                             |                        |                                                                                                                 |              |
|                                                                                                                                  |             | 30 OVER                                                    | ± 0.3  | APPROVED BY<br>S. ICHIKAWA | DATE<br>'05/02/07                                                                                                                | molex MOLEX INCORPORATED                    |                        |                                                                                                                 |              |
|                                                                                                                                  |             | ANGULAR                                                    | ± 3 °  | MATERIAL NO.               |                                                                                                                                  |                                             |                        |                                                                                                                 | DOCUMENT NO. |
|                                                                                                                                  | REV         | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SEE CHART                  |                                                                                                                                  | SD-501395-001                               |                        | 1 OF 1                                                                                                          |              |
|                                                                                                                                  |             |                                                            |        | SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                             |                        |                                                                                                                 |              |

