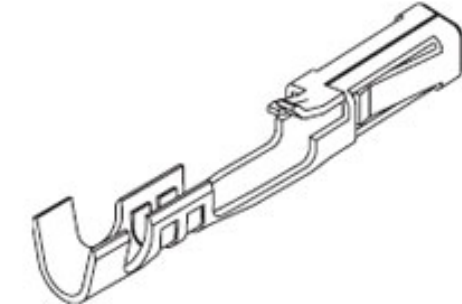


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0700580086](#)  
**Status:** **Active**  
**Overview:** [cgrid\\_sl\\_products](#)  
**Description:** SL™ Crimp Terminal 70058, 22-24 AWG, Reel Tin (Sn)



Series

image - Reference only

**Documents:**

- |                                                      |                                                      |
|------------------------------------------------------|------------------------------------------------------|
| <a href="#">Packaging Specification (PDF)</a>        | <a href="#">Product Specification PS-70400 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                        | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Product Specification PS-70058 (PDF)</a> |                                                      |

**General**

|                         |                                   |
|-------------------------|-----------------------------------|
| Product Family          | Crimp Terminals                   |
| Series                  | <a href="#">70058</a>             |
| Crimp Quality Equipment | Yes                               |
| Overview                | <a href="#">cgrid_sl_products</a> |
| Product Name            | SL™                               |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Female               |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Packaging Type                 | Reel                 |
| Plating min: Mating (µin)      | 150                  |
| Plating min: Mating (µm)       | 3.81                 |
| Plating min: Termination (µin) | 75                   |
| Plating min: Termination (µm)  | 1.910                |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.63mm (.064") max.  |
| Wire Size AWG                  | 22, 24               |
| Wire Size mm²                  | N/A                  |

**Material Info**

**Reference - Drawing Numbers**

|                         |                    |
|-------------------------|--------------------|
| Packaging Specification | PK-70873-1300      |
| Product Specification   | PS-70058, PS-70400 |
| Sales Drawing           | SD-70058-086       |

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Halogen-Free  
Status**

**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**  
[70058Series](#)

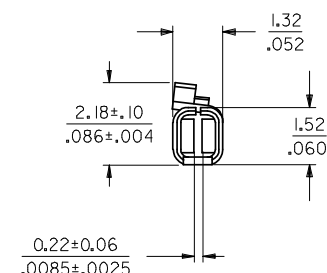
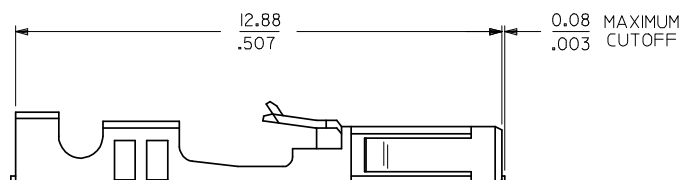
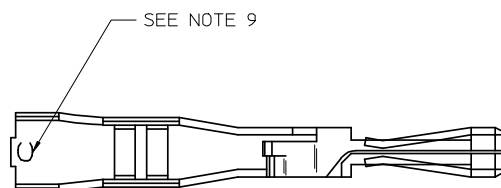
**Application Tooling | FAQ**

*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 #                  |
|----------------------------------------------------|----------------------------|
| Hand Crimp Tool                                    | <a href="#">0638118700</a> |
| FineAdjust™                                        | <a href="#">0639003200</a> |
| Applicator for SL™<br>Crimp Terminals<br>20-24 AWG |                            |
| T2 Terminator                                      | <a href="#">0639103200</a> |
| Tooling Die                                        |                            |
| Insertion Tool                                     | <a href="#">0011020022</a> |

| ITEM NUMBER | FINISH     | NOTES                                                             |
|-------------|------------|-------------------------------------------------------------------|
| 70058-0086  | POST-PLATE | ALL EDGES COVERED BY PLATING EXCEPT FOR CUT-OFFS OF THE CARRIERS. |
| 70058-4086  | PRE-PLATE  | ALL CUT EDGES WILL BE EXPOSED AND WILL NOT HAVE PLATING.          |
|             |            |                                                                   |
|             |            |                                                                   |



# NOTES:

1. TERMINAL MATERIAL: PHOSPHOR BRONZE.
2. FINISH: POST-PLATE: 3.81 MICROMETERS/150 MICROINCHES MINIMUM TIN (Sn) IN CONTACT AREA;  
1.91 MICROMETERS/75 MICROINCHES MINIMUM TIN (Sn) IN CRIMP AREA;  
NICKEL UNDERPLATE OVERALL.  
PRE-PLATE: 3.81 MICROMETERS/150 MICROINCHES MINIMUM TIN(Sn) OVER NICKEL UNDERPLATE OVERALL.
3. TERMINAL TO BE USED IN HOUSINGS 70066-\*\*\*\* AND 70450-\*\*\*\*.
4. REFER TO PRODUCT SPECIFICATION PS-70058.
5. REFER TO MOLEX OPERATION AND SERVICE MANUAL FOR CRIMP DETAILS.
6. TERMINAL TO BE USED WITH 0.64/.025 SQUARE PINS.
7. TERMINAL TO BE USED WITH 22-24 AWG STRANDED WIRE WITH 1.63/.064 MAXIMUM DIAMETER INSULATION.
8. TERMINALS SUPPLIED IN REEL FORM PER DRAWING PK-70873-1300.
9. CRIMP SIZE INDICATOR C=22-24 AWG.

|                                                                                                                                             |             |                                   |                                                            |  |         |                          |                                                                                                                               |            |                                                                                                                   |                                                                                                              |  |              |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------|------------------------------------------------------------|--|---------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--|--------------|--|--|
| INITIAL RELEASE<br>EC NO: UCP2008-1091<br>DRAWN BY: DMORGAN 2008/07/01<br>CHKD BY: MSIBARRA 2008/07/01<br>APPR: SMILLER 2008/07/02<br><br>A | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |  |         | DIMENSION STYLE<br>MM/IN |                                                                                                                               | SCALE      | DESIGN UNITS<br>INCH                                                                                              |  THIRD ANGLE PROJECTION |  |              |  |  |
|                                                                                                                                             |             |                                   |                                                            |  | mm      | INCH                     | DRAWN BY                                                                                                                      | DATE       | TITLE<br><br>TERMINAL - BOX/CRIMP<br>TIN PLATED FOR 22-24 AWG<br>STRANDED WIRE PKG REEL<br><br>MOLEX INCORPORATED |                                                                                                              |  |              |  |  |
|                                                                                                                                             |             |                                   | 4 PLACES                                                   |  | ±---    | ±---                     | DMORGAN                                                                                                                       | 2008/05/30 |                                                                                                                   |                                                                                                              |  |              |  |  |
|                                                                                                                                             |             |                                   | 3 PLACES                                                   |  | ±---    | ±.005                    | CHECKED BY                                                                                                                    | DATE       |                                                                                                                   |                                                                                                              |  |              |  |  |
|                                                                                                                                             |             |                                   | 2 PLACES                                                   |  | ±0.13   | ±.010                    | MSIBARRA                                                                                                                      | 2008/05/30 |                                                                                                                   |                                                                                                              |  |              |  |  |
|                                                                                                                                             |             |                                   | 1 PLACE                                                    |  | ±0.25   | ±---                     | APPROVED BY                                                                                                                   | DATE       |                              | SHEET NO.<br>1 OF 1                                                                                          |  |              |  |  |
|                                                                                                                                             |             |                                   | ANGULAR ±1/2°                                              |  | SMILLER | 2008/05/30               | DOCUMENT NO.                                                                                                                  |            |                                                                                                                   |                                                                                                              |  |              |  |  |
|                                                                                                                                             |             |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |         |                          | MATERIAL NO.                                                                                                                  |            | SEE CHART                                                                                                         |                                                                                                              |  | SD-70058-086 |  |  |
|                                                                                                                                             |             |                                   | SIZE                                                       |  |         |                          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |            |                                                                                                                   |                                                                                                              |  |              |  |  |
|                                                                                                                                             |             |                                   | REV                                                        |  |         |                          |                                                                                                                               |            |                                                                                                                   |                                                                                                              |  |              |  |  |