

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

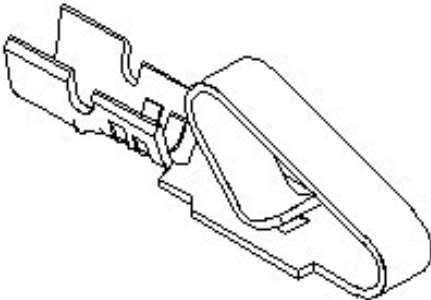
**Part Number:** [0008650116](#)  
**Status:** **Active**  
**Overview:** [kk](#)  
**Description:** 3.96mm (.156") Pitch KK® Crimp Terminal 2578, 22-26 AWG, Reel, Phosphor Bronze, 0.38µm (15µ") Selective Gold (Au)

**Documents:**  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-08-50 \(PDF\)](#)

| General                        |                      |
|--------------------------------|----------------------|
| Product Family                 | Crimp Terminals      |
| Series                         | <a href="#">2578</a> |
| Crimp Quality Equipment        | Yes                  |
| Overview                       | <a href="#">kk</a>   |
| Product Name                   | KK®                  |
| Physical                       |                      |
| Gender                         | Female               |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Gold                 |
| Packaging Type                 | Reel                 |
| Plating min: Mating (µin)      | 15                   |
| Plating min: Mating (µm)       | 0.375                |
| Plating min: Termination (µin) | 15                   |
| Plating min: Termination (µm)  | 0.375                |
| Wire Insulation Diameter       | 1.65mm (.065") max.  |
| Wire Size AWG                  | 22, 24, 26           |
| Wire Size mm²                  | N/A                  |

| Material Info   |              |
|-----------------|--------------|
| Old Part Number | 2578-B-(555) |

| Reference - Drawing Numbers |          |
|-----------------------------|----------|
| Product Specification       | PS-08-50 |
| Sales Drawing               | SD-2578  |



Series

image - Reference only

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Halogen-Free**  
**Status**  
**Not Reviewed**

**China RoHS**



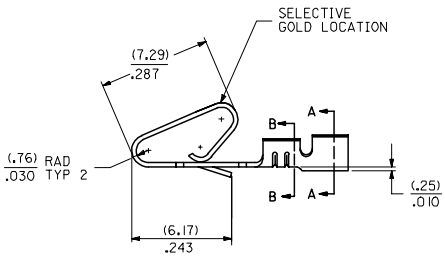
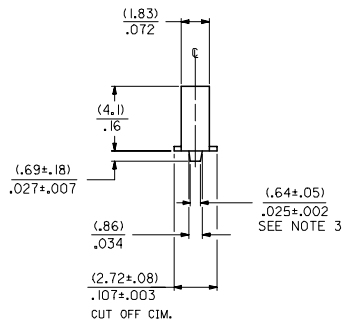
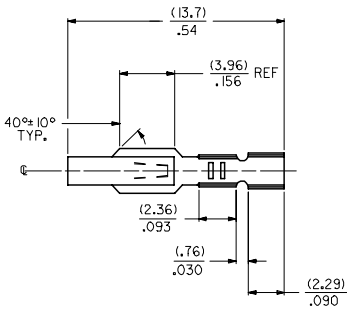
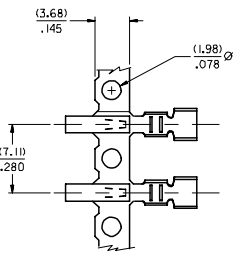
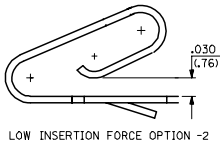
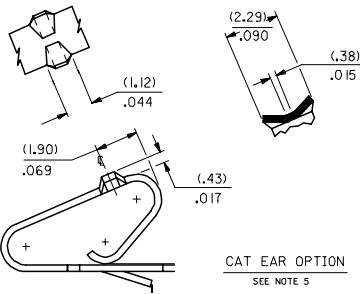
**Need more information on product environmental compliance?**  
  
Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)  
  
Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[2578Series](#)

**Use With**  
[2574](#) , [2139](#) , [41695](#) , [3069](#) , [6422](#) , [5265](#) , [5239](#)

| 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="#">0638117400</a> |
| Mini-Mac™                                                                                                                                                                       | <a href="#">0638881000</a> |
| Applicator                                                                                                                                                                      |                            |
| Extraction Tool                                                                                                                                                                 | <a href="#">0011030016</a> |
| Terminator Die                                                                                                                                                                  | <a href="#">0011402097</a> |

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- NOTES:
1. CRIMP ACCEPTS 22 TO 26 GA. WIRE WITH (.165)/.065 MAX INSULATION DIA.
  2. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
  3. OPTIONAL DESIGN (.86±.05)/.034±.002
  4. TERMINAL CONFORMS TO PRODUCT SPEC. 08-50.
  5. CAT EAR OPTION TO BE USED WITH 41695 HOUSING ONLY.

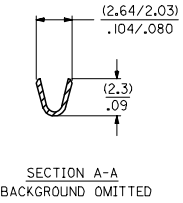
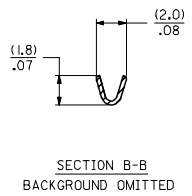
MATERIAL CODE  
(.28)/.0106 THK  
BLANK=BRASS  
B=PHOS BRONZE

WINDING SPEC.  
A=PER ES-339-A  
BLANK=PER ES-339-B  
L=LOOSE

PLATING CODE  
(PER SDES-88)  
\*(P909) OVERALL HOT TIN DIP: 2.54 MICROMETERS MIN.  
(550) SELECT GOLD: 0.38 MICROMETERS MIN.  
OVERALL GOLD FLASH: 0.05 MICROMETERS MIN.  
OVERALL NICKEL UNDERPLATE: 0.76 MICROMETERS MIN.  
(555) SELECT GOLD: 0.38 MICROMETERS MIN.  
OVERALL NICKEL UNDERPLATE: 0.76 MICROMETERS MIN.

OPTIONS  
BLANK=AS SHOWN  
1=WITH CAT EARS  
2=LOW INSERTION FORCE

\*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC." CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATING.



| ENTER DESCRIPTION   |  | QUALITY SYMBOLS        |  | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE |  | SCALE                                                                                                                         |  | DESIGN UNITS       |  | THIRD ANGLE PROJECTION |  |
|---------------------|--|------------------------|--|---------------------------------------|--|-----------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--|------------------------|--|
| EC NO: UCP2005-0928 |  | DRAWN BY               |  | mm                                    |  | IN/MM           |  | DATE                                                                                                                          |  | INCH               |  | DATE                   |  |
| DRAWN BY: PATEL     |  | CHECKED BY             |  | ± .010                                |  | PEREZ/AR        |  | 01/29/87                                                                                                                      |  | TITLE              |  | CRIMP TERMINAL         |  |
| CHKD BY: PATEL      |  | APPROVED BY            |  | ± .014                                |  | PATEL           |  | 01/29/87                                                                                                                      |  | MOLEX INCORPORATED |  | 1 OF 2                 |  |
| APPR: WARGULIS      |  | DATE                   |  | ± .036                                |  | LENZ            |  | 01/29/87                                                                                                                      |  | SD-2578            |  |                        |  |
| REV                 |  | ANGULAR                |  | ± 1/2°                                |  | MATERIAL NO.    |  | DOCUMENT NO.                                                                                                                  |  |                    |  |                        |  |
| DESCRIPTION         |  | DRAFT WHERE APPLICABLE |  | MUST REMAIN WITHIN DIMENSIONS         |  | SEE CHART       |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                    |  |                        |  |
| SIZE                |  |                        |  |                                       |  |                 |  |                                                                                                                               |  |                    |  |                        |  |

|   |              |               |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|---|--------------|---------------|----|---------------|----------------|----|-----------------|----------|-----------------|----------|----------|---|----------|----------|----|----------|----------|---|----------|----------|--|
|   | 20           | 19            | 18 | 17            | 16             | 15 | 14              | 13       | 12              | 11       | 10       | 9 | 8        | 7        | 6  | 5        | 4        | 3 | 2        | 1        |  |
| M | 2578-(***)*  |               |    | 2578-B-(***)* |                |    | 2578-B-2-(***)* |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | PART NO.     | ENG. NO.      |    | PART NO.      | ENG. NO.       |    | PART NO.        | ENG. NO. |                 | PART NO. | ENG. NO. |   | PART NO. | ENG. NO. |    | PART NO. | ENG. NO. |   | PART NO. | ENG. NO. |  |
|   |              |               |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-50-0107   | 2578-(P909)   |    | 08-56-0121    | 2578-B-(501)   |    |                 |          | 2578-B-2(P909)  |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-50-0108   | 2578-(P909)L  |    | 08-56-0122    | 2578-B-(501)L  |    |                 |          | 2578-B-2(P909)L |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-50-0111   | 2578-(I09)    |    | 08-50-0133    | 2578-B-(P909)  |    |                 |          | 2578-B-2(555)   |          |          |   |          |          |    |          |          |   |          |          |  |
| L | 08-50-0112   | 2578-(I09)L   |    | 08-50-0134    | 2578-B-(P909)L |    |                 |          | 2578-B-2(555)L  |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-56-0107   | 2578-(550)    |    | 08-65-0116    | 2578-B-(555)   |    |                 |          | 2578-B-2(550)   |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-56-0108   | 2578-(550)L   |    | 08-65-0117    | 2578-B-(555)L  |    |                 |          | 2578-B-2(550)L  |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-55-0105   | 2578-(555)    |    | 08-65-0108    | 2578-B-(591)   |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-55-0106   | 2578-(555)L   |    | 08-65-0107    | 2578-B-(591)L  |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-59-0101   | 2578-(I22)    |    | 08-60-0003    | 2578-B-(I22)   |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   |              | 2578-(I22)L   |    | 08-60-0004    | 2578-B-(I22)L  |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
| K | 1 08-56-0162 | 2578-(505)    |    | 08-65-0110    | 2578-B-(558)   |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 1 08-56-0163 | 2578-(505)L   |    | 08-65-0111    | 2578-B-(558)L  |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-50-0504   | 2578-(I28)    |    | 08-58-0125    | 2578-B-(550)   |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   |              | 2578-(I28)L   |    | 08-58-0126    | 2578-B-(550)L  |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-56-0161   | 2578-(503)    |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   |              | 2578-(503)L   |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
| J | 1 08-50-0061 | 2578-(I224)   |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 1 08-50-0062 | 2578-(I224)L  |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 1 08-50-0065 | 2578-(P224)   |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 1 08-50-0066 | 2578-(P224)L  |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-55-0137   | 2578-(558)A   |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   |              | 2578-(558)L   |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
| I | 08-50-0018   | 2578-(I02)    |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-50-0019   | 2578-(I02)L   |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-55-0121   | 2578-(561)    |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-55-0132   | 2578-(561)L   |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-55-0123   | 2578-(558)    |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   |              | 2578-(558)L   |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
| H | 08-65-0109   | 2578-(555)A   |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-52-0116   | 2578-(P909)   |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   | 08-52-0117   | 2578-(P9109)L |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
|   |              |               |    |               |                |    |                 |          |                 |          |          |   |          |          |    |          |          |   |          |          |  |
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