

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0354279702

Status:

Active

Description:

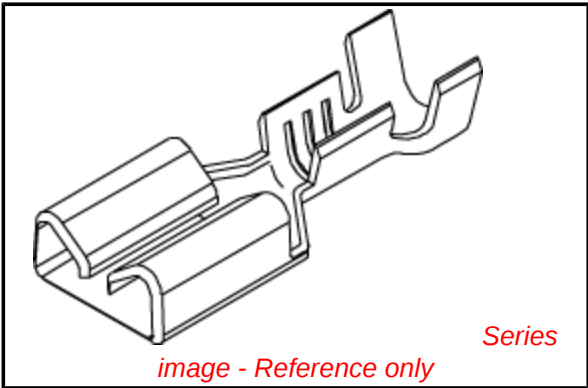
6.00mm (.236") Tab Wire-to-Wire Terminal, Female, One-Piece Type, Wire Range AVS (CAVS) 0.30 - 0.50mm sq. (.012-.020"), Pre-Tin Plated

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

|                                    |                          |
|------------------------------------|--------------------------|
| <b>General</b>                     |                          |
| Product Family                     | Crimp Terminals          |
| Series                             | 35427                    |
| Crimp Quality Equipment            | Yes                      |
| Product Name                       | N/A                      |
| <b>Physical</b>                    |                          |
| Gender                             | Female                   |
| Material - Metal                   | Brass                    |
| Material - Plating Mating          | Tin                      |
| Material - Plating Termination     | Tin                      |
| Packaging Type                     | Reel                     |
| Plating min: Mating (µin)          | 59                       |
| Plating min: Mating (µm)           | 1.5                      |
| Termination Interface: Style       | Crimp or Compression     |
| Wire Insulation Diameter           | 1.80-2.03mm (.071-.080") |
| Wire Size AWG                      | 20, 22                   |
| Wire Size mm²                      | N/A                      |
| <b>Electrical</b>                  |                          |
| Current - Maximum per Contact      | 20A                      |
| <b>Material Info</b>               |                          |
| <b>Reference - Drawing Numbers</b> |                          |
| Sales Drawing                      | SD-35427-002             |



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

35427Series

Mates With

35725 Terminal

Use With

35270 Housing

This document was generated on 03/18/2010

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DO NOT SCALE DRAWING  
DIMENSION IN METRIC

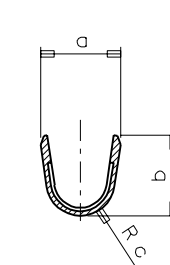
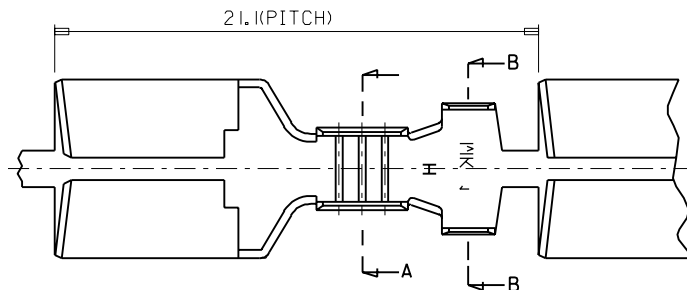
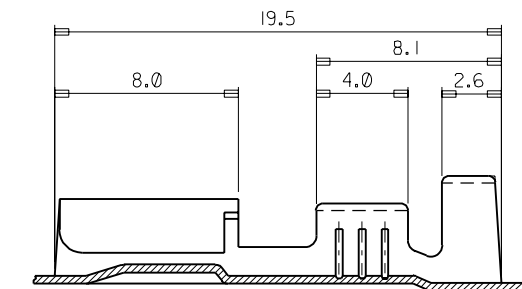
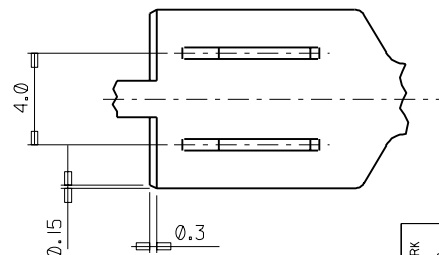
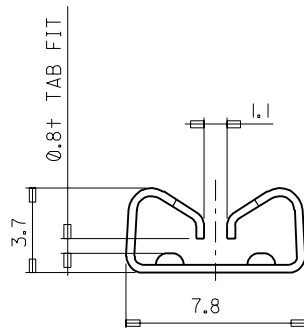
B

C

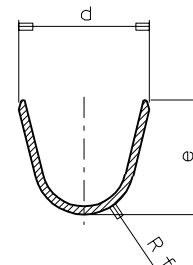
PROJECT NO.

SIMILAR ITEM

DWG. NO.  
SD-35427-002



SECTION A-A



SECTION B-B

| PART NO.   |   | a   | b   | Rc  | d   | e   | Rf  | WIRE RANGE<br>(mmSQ) | Q'TY/REEL | FINISH   | REMARK<br>(OPTION) |
|------------|---|-----|-----|-----|-----|-----|-----|----------------------|-----------|----------|--------------------|
| 35427-9700 |   |     |     |     |     |     |     |                      |           | UNPLATED | ---                |
| -9702      | S | 2.8 | 2.8 | 0.9 | 3.8 | 3.8 | 1.5 | 0.3 ± 0.5            | 5000      | PLATED   | ---                |
| -9710      |   |     |     |     |     |     |     |                      |           | UNPLATED | MARK "H"           |
| 35427-9800 |   |     |     |     |     |     |     |                      |           | UNPLATED | ---                |
| -9802      | M | 3.0 | 3.5 | 1.2 | 5.0 | 5.0 | 2.0 | 0.85 ± 1.25          | 5000      | PLATED   | ---                |
| -9810      |   |     |     |     |     |     |     |                      |           | UNPLATED | MARK "H"           |
| 35427-9900 |   |     |     |     |     |     |     |                      |           | UNPLATED | ---                |
| -9902      | L | 5.2 | 4.6 | 2.0 | 6.3 | 6.3 | 2.5 | 2.0 ± 3.0            | 4000      | PLATED   | ---                |
| -9910      |   |     |     |     |     |     |     |                      |           | UNPLATED | MARK "H"           |

NOTES

1. MATERIAL : BRASS (C2600), THICK = 0.35mm

2. TENSION (35427-970\*,980\*,990\*)

- INSERTION FORCE(INITIAL) : 1.0 ± 1.5 Kgf

- WITHDRAWAL FORCE(6 TIMES) : 0.6Kgf MIN.

△ TENSION (35427-971\*,981\*,991\*) "H" MARK

- INSERTION FORCE(INITIAL) : 1.5 ± 2.0 Kgf

- WITHDRAWAL FORCE(6 TIMES) : 0.8Kgf MIN.

ADDED TENSION & MARK  
EC NO. KOR2000-0068  
DRWN: B.C.YOON 00/10/25  
CHK: B.K.CHOI 00/10/25  
APPR: C.W.LEE 00/10/25

DESCRIPTION  
MAJOR  
CRITICAL

|                | GENERAL TOLERANCES:<br>(UNLESS SPECIFIED) |      |
|----------------|-------------------------------------------|------|
|                | mm                                        | INCH |
| 4 PLACES       | ±0.                                       | ±.   |
| 3 PLACES       | ±0.                                       | ±.   |
| 2 PLACES       | ±0.                                       | ±.   |
| 1 PLACE        | ±0.3                                      | ±.   |
| ANGULAR: ± 3 ° |                                           |      |

DRAFT WHERE APPLICABLE MUST  
REMAIN WITHIN DIMENSIONS

SCALE  
5:1

DESIGN UNITS  
☒ mm ☐ INCH

THIRD ANGLE  
PROJECTION

TITLE:  
POWERMATE FEMALE TERMINAL (S,M,L)

DRAWN BY & DATE  
J.K.OH 96/10/11

CHECKED BY & DATE  
B.K.CHOI 96/10/11

APPROVED BY & DATE  
C.W.LEE 96/10/11

CAD FILENAME  
sd35427.dgn

| DIMENSIONS:                                               |                                             | SHT                         | REV                   |
|-----------------------------------------------------------|---------------------------------------------|-----------------------------|-----------------------|
| <input type="checkbox"/> mm <input type="checkbox"/> INCH | <input checked="" type="checkbox"/> mm ONLY |                             | REVISE ON<br>CAD ONLY |
| MATERIAL NO.<br>35427-9***                                |                                             | DRAWING NO.<br>SD-35427-002 | SHEET NO.<br>1 OF 1   |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
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MX-A3