# 160003 ✔ ACTIVE

SOLISTRAND

TE Internal #: 160003

Closed Ring Tongue Terminal, 3/0 AWG, M10 Stud, 10 mm / 10.5 mm [.413 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Uninsulated

View on TE.com >

Terminals & Splices > Ring Terminals







Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **150500 – 190000 CMA**

Stud Size: **M10**

## Features

### Product Type Features

| | |
|---|---|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size | M10 |
| Sealable | No |
| Wire Insulation Support Retention Type | Non-Insulation Support |

### Configuration Features

| | |
|---|---|
| Number of Holes | 1 |

### Body Features

| | |
|---|---|
| Product Weight | 38.988 g |

### Contact Features

| | |
|---|---|
| Barrel Type | Closed |
| Terminal Orientation | Straight |
| Terminal Plating Material | Tin |

### Mechanical Attachment

| | |
|---|---|
| Wire Insulation Support | Without |

### Dimensions

| | |
|---|---|
| Wire Size | 150500 – 190000 CMA |
| Stud Diameter | 10 mm, 10.5 mm[.413 in] |
| Tongue Thickness | .79 mm[.031 in] |
| Product Length | 54.43 mm[2.139 in] |
| Barrel Inside Diameter | 14.35 mm[.565 in] |

### Usage Conditions

| | |
|---|---|
| Insulation Option | Uninsulated |
| Operating Temperature Range | 0 – 170 °C[0 – 338 °F] |

### Operation/Application

| | |
|---|---|
| Compatible With Wire Base Material | Copper |
| Compatible With Wire Plating Material | Tin |

### Industry Standards

| | |
|---|---|
| Government Qualified Terminal | No |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 50 |
| Packaging Method | Loose Piece |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

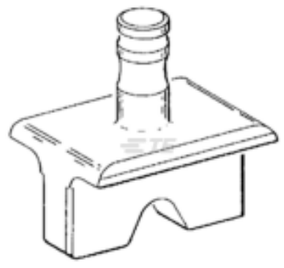
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these

limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

## Compatible Parts



TE Part # 45442
HYP8/10 SOLIS 3/0AWG DIE SET



TE Part # 48134
HYP8 SOLIS 3/0AWG NEST



TE Part # 1490413-7
HYP10 SOLIS 3/0AWG NEST



TE Part # 1490414-3
HYP10 SOLIS HD 1/0AWG INDENTER



TE Part # 48131
HYP8 SOLIS 1/0-4/0AWG INDENTER

## Customers Also Bought



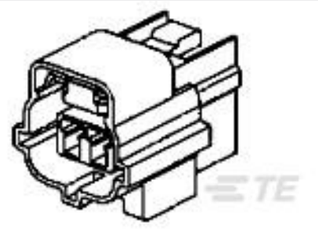
TE Part #1SNA110491R1700
DR4/6.1



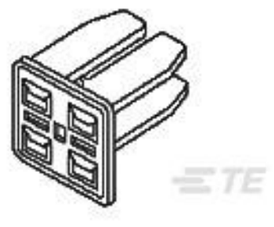
TE Part #1SNA160496R2600
DR4/6.P



TE Part #160000
TERM,SOLIS R 1/0 M10



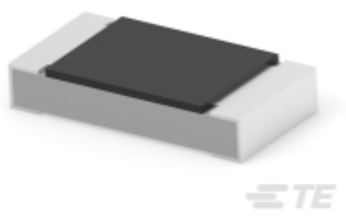
TE Part #174352-2
070 ECONOSEAL MARK-2 PLUG 2P



TE Part #174983-7
8 POS DL PLATE FOR PLUG MKII+



TE Part #211150-1
METRIMATE SKT HSG 25P



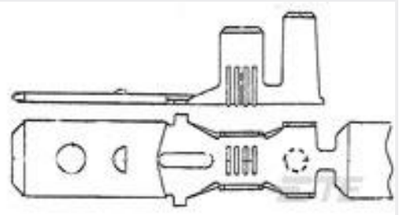
TE Part #6-2176583-8
RLC73PD 2B R28 1% 1K RL



TE Part #2302491-3
AS16,PLUG BACKSHELL KIT,RA,03P, NC08



TE Part #2822354-1
070 TYPE RUBBER PLUG



TE Part #1544453-1
LANG.A.SERT 8 BOIT

## Documents

### Product Drawings

TERM,SOLIS R 3/0 M10

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_160003_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_160003_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_160003_P.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Instruction Sheets

Instruction Sheet (U.S.)

English

### Agency Approvals

UL Report

English