



Connectors > Rectangular Connectors > Rectangular Connector Housings



Connector System: **Cable-to-Cable**  
Housing Material: **PBT**  
Connector & Housing Type: **Receptacle**  
Contact Type: **Socket**  
Sealable: **Yes**

Features

Product Type Features

|                                   |                |
|-----------------------------------|----------------|
| Connector System                  | Cable-to-Cable |
| Connector & Housing Type          | Receptacle     |
| Sealable                          | Yes            |
| Connector & Contact Terminates To | Wire & Cable   |

Contact Features

|              |        |
|--------------|--------|
| Contact Type | Socket |
|--------------|--------|

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

Housing Features

|                  |     |
|------------------|-----|
| Housing Material | PBT |
|------------------|-----|

Usage Conditions

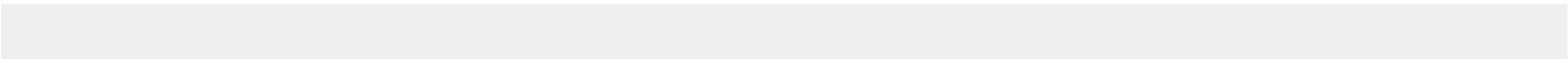
|                             |              |
|-----------------------------|--------------|
| Operating Temperature Range | -40 - 105 °C |
|-----------------------------|--------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.  |
| 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 # 1648211-1  
423-0001-01100

Customers Also Bought

TE Part # 5745536-2  
25 RCPT RA/MS STD (SL)

TE Part # 5748872-1  
AMP III PLUG 15P RA 590 THD INS

TE Part # 6-1879233-3  
SMW5 39R 5%

TE Part # 1623783-1  
SQM7 10K 5% (METAL FILM)



TE Part # 6450843-6  
MBXLE R/A HEADER 7ACP



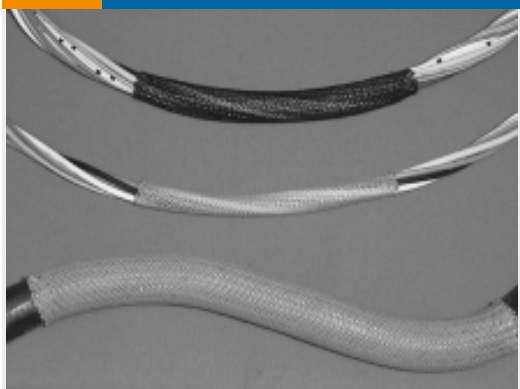
TE Part # 350923-6  
UMNL SOK 12-10 AUNI/PHBZ



TE Part # 926869-3  
UNIV-MNL SOCKET 1



TE Part # 1648384-1  
708-73-01109=SA CONTACT,SKT



TE Part # E113174001  
VERSAFLEX-FR-1/4-09-SP



TE Part # 1734595-4  
1.0 WTB SR VT HDR 4 POS

Documents

Product Drawings

424-0001-01100

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1648212-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1648212-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1648212-1\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

POWER\_CONNECTORS\_CATALOG\_SEC02\_CABLE\_MOUNTED

English

AMP & ELCON Power Connector Layout Forms Datasheet 6-1773444-7

English

Product Specifications

Product Specification

English

