

917684-1 ✓ ACTIVE



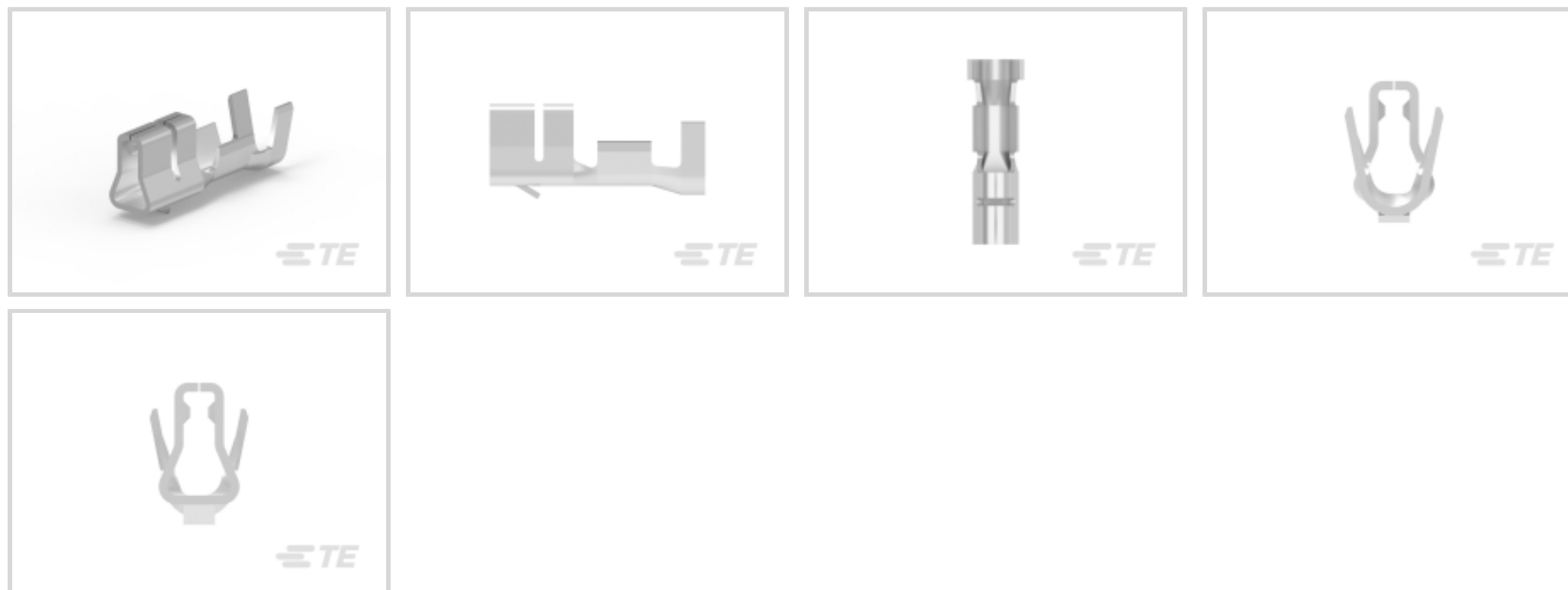
AMP Signal Double Lock

TE Internal #: 917684-1

Tin (Sn), Socket Contact, 26 – 22 AWG, 250 VAC, 250 VDC, .12 – .35 mm² Wire, Locking Lance Contact Retention, Discrete Wire, AMP Signal Double Lock

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts > Signal Double Lock Receptacle



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **250 VDC**

[All Signal Double Lock Receptacle \(4\)](#)

Features

Configuration Features

Compatible With Wire & Cable Type

Discrete Wire

Electrical Characteristics

Operating Voltage

250 VDC

Contact Features

Mating Square Post Dimension

.64 mm[.025 in]

Contact Type

Socket

Contact Mating Area Plating Material

Tin (Sn)

Wire Contact Termination Area Plating Material

Pre-Tin

Contact Retention Within Housing

With

Contact Base Material

Phosphor Bronze

Contact Current Rating (Max)

3 A

Termination Features

Termination Method to Wire & Cable

Crimp



Product Terminates To

Wire & Cable

Mechanical Attachment

Contact Retention Type Within Housing

Locking Lance

Dimensions

Compatible Insulation Diameter Range

.93 – 1.5 mm [.037 – .059 in]

Wire Size

.12 – .35 mm²

Usage Conditions

Operating Temperature Range

-30 – 105 °C [-22 – 221 °F]

Operation/Application

Circuit Application

Signal

Packaging Features

Packaging Method

Reel

Packaging Quantity

8000

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

有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025 (250)
 Candidate List Declared Against: JUNE 2025 (250)
 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


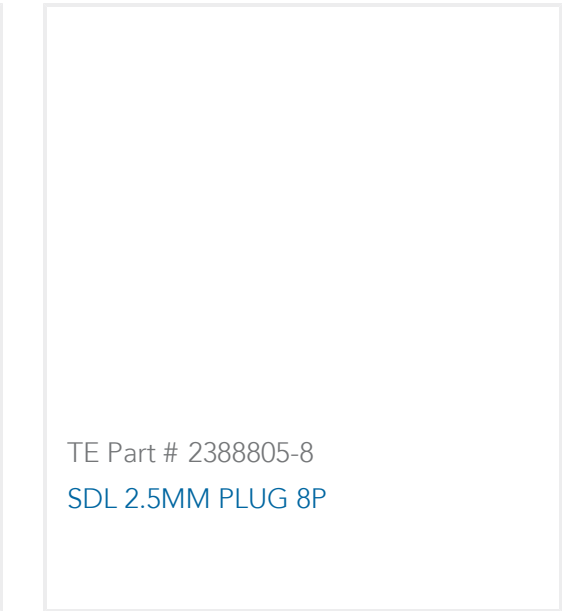
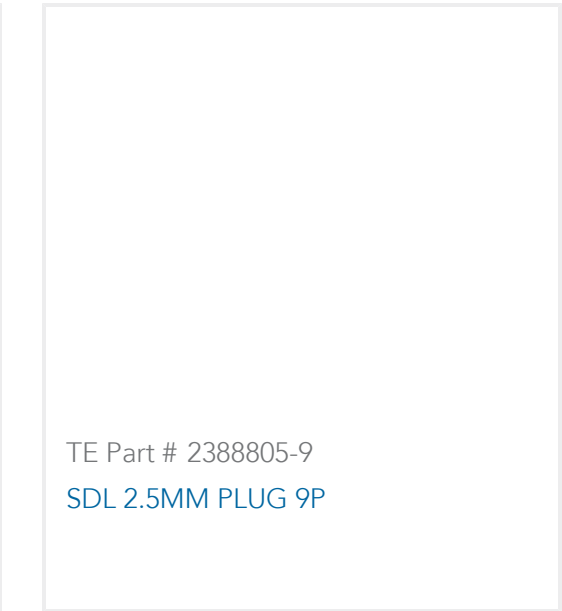






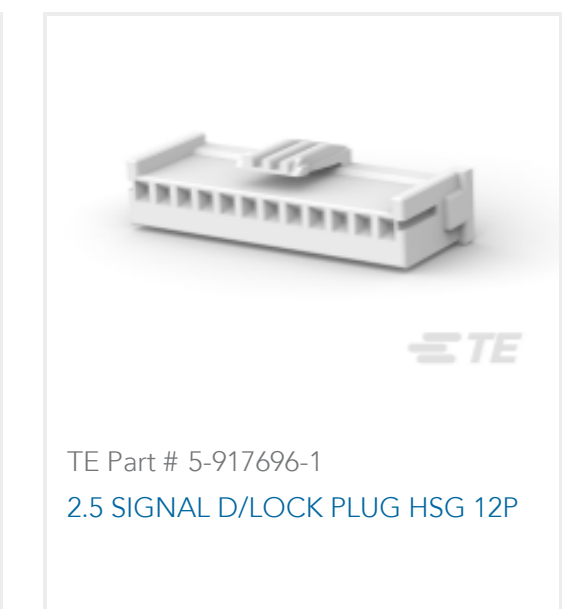
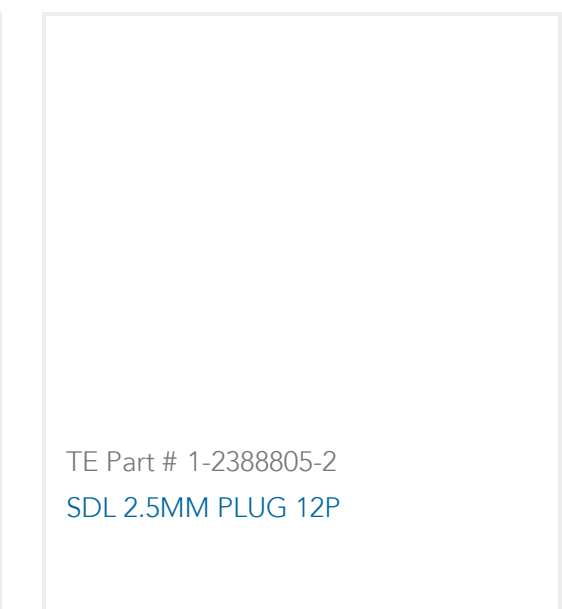
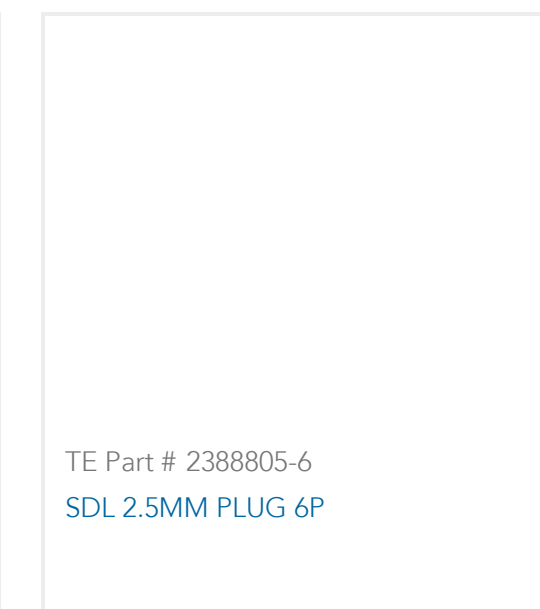
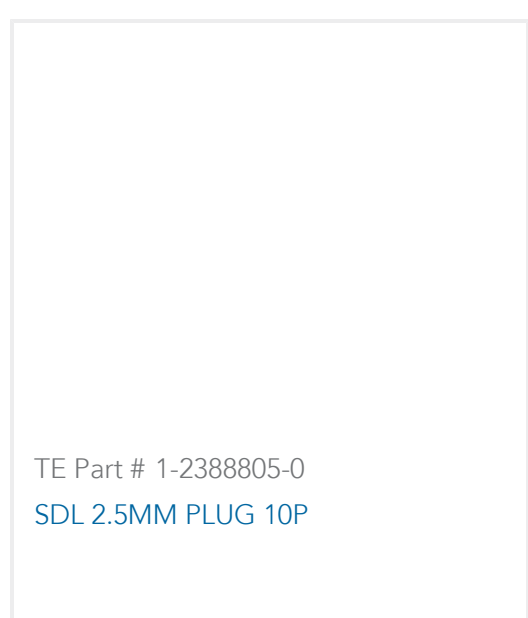
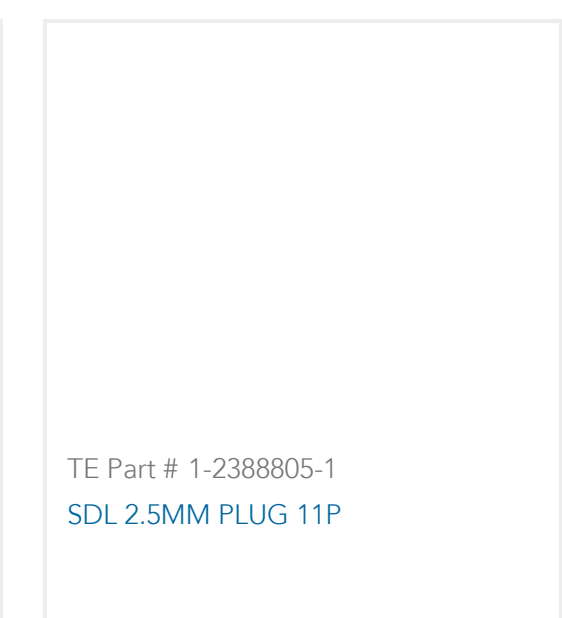


Not applicable for solder process capability

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

 <p>TE Part # 2388805-7 SDL 2.5MM PLUG 7P</p>	 <p>TE Part # 2388805-8 SDL 2.5MM PLUG 8P</p>	 <p>TE Part # 2388805-9 SDL 2.5MM PLUG 9P</p>	 <p>KIT REPRESENTATION ONLY TE Part # 7-2151085-7 OCEAN_2.0_SPARE_PART_KIT-046F067F</p>
 <p>TE Part # 234605-1 EXT-TOOL</p>	 <p>TE Part # 2151085-1 OCEAN-2.0-APPLICATOR-S-046F067F-RSM</p>	 <p>TE Part # 1-2388805-3 SDL 2.5MM PLUG 13P</p>	 <p>TE Part # CAT-SI261-P729A Glow Wire Signal Double Lock Plug</p>
 <p>TE Part # 5-917690-1 2.5 SIGNAL D/LOCK PLUG HSG 6P</p>	 <p>TE Part # 5-917696-1 2.5 SIGNAL D/LOCK PLUG HSG 12P</p>	 <p>TE Part # 1-2388805-2 SDL 2.5MM PLUG 12P</p>	 <p>TE Part # 2388805-6 SDL 2.5MM PLUG 6P</p>
 <p>TE Part # 1-2388805-0 SDL 2.5MM PLUG 10P</p>	 <p>TE Part # 1-2388805-1 SDL 2.5MM PLUG 11P</p>	 <p>TE Part # 917687-6 2.5 SIGNAL D/LOCK PLUG HSG 3P</p>	 <p>TE Part # 2151085-2 OCEAN-2.0-APPLICATOR-S-046F067FA-RSA</p>



TE Part # CAT-SI261-P729
STD Temp Signal Double Lock Plug

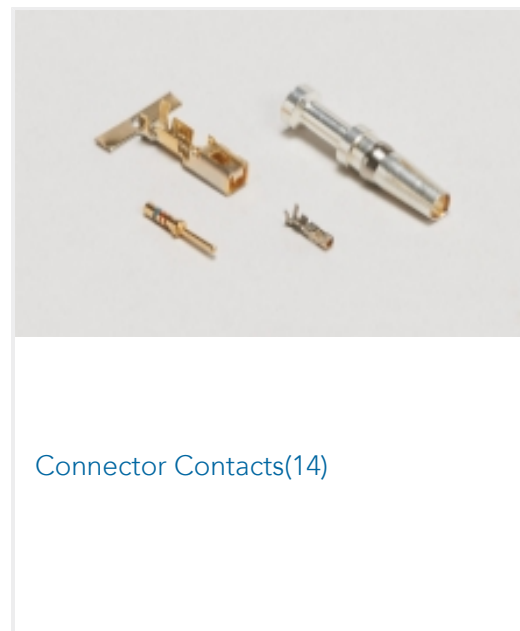


TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

Also in the Series | AMP Signal Double Lock



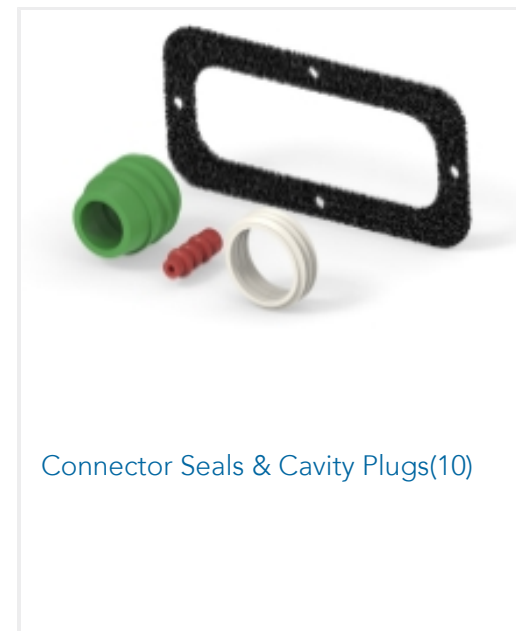
Connector Caps & Covers(1)



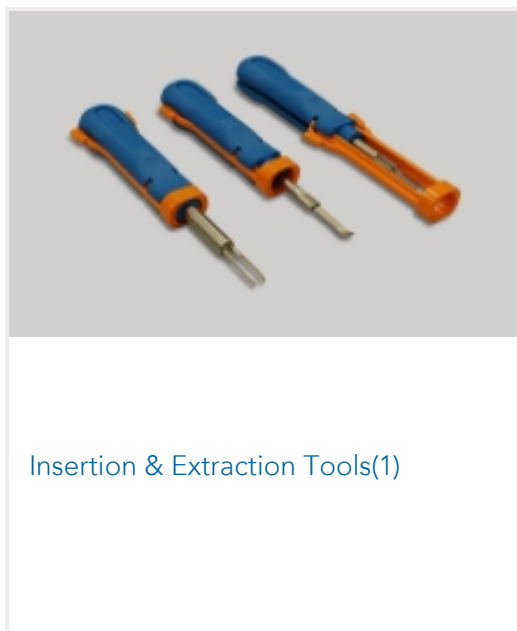
Connector Contacts(14)



Connector Hardware(19)



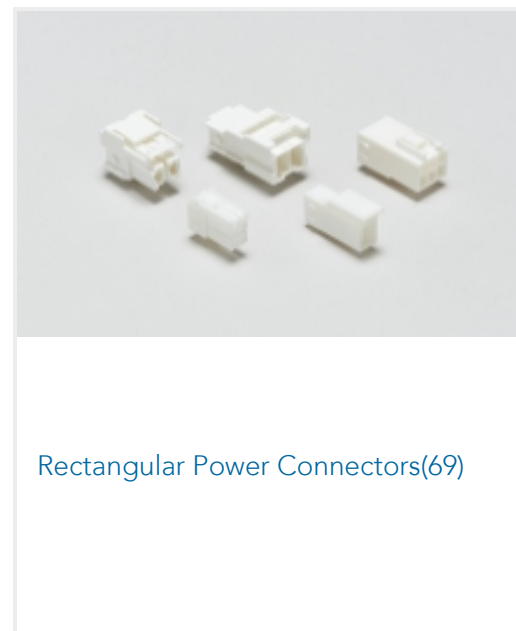
Connector Seals & Cavity Plugs(10)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(152)



Rectangular Power Connectors(69)



Wire-to-Board Headers & Receptacles (152)

Customers Also Bought



TE Part #1862006-1
STD PW TIMER CONTACT



TE Part #3-1903388-4
GIC 2.5 W PLUG HSG 2P YELLOW



TE Part #1-2232892-5
5P MONOPLUG 2.5



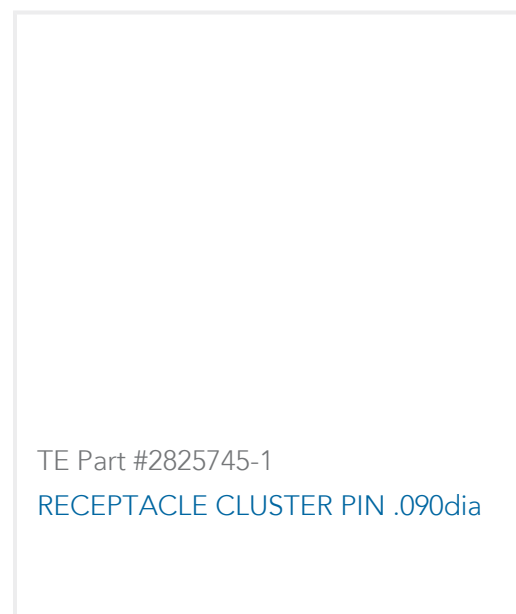
TE Part #2297438-3
MMF,FREE HANGING,CAP HOUSING



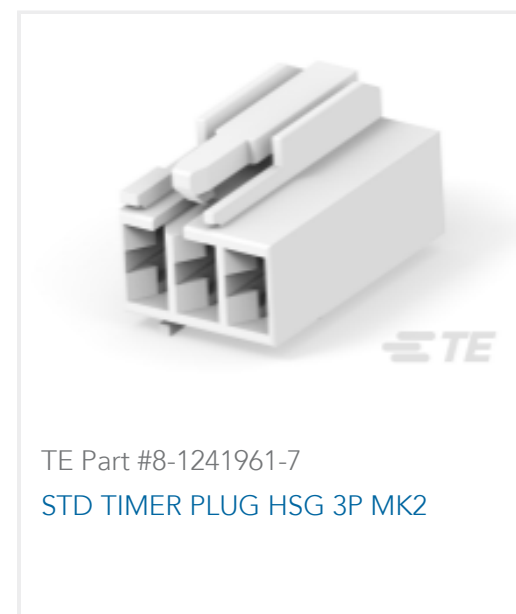
TE Part #2297440-3
MMF,FREE HANGING,PLUG HOUSING



TE Part #1-2351101-5
5P MONOPLUG 2.5



TE Part #2825745-1
RECEPTACLE CLUSTER PIN .090dia



TE Part #8-1241961-7
STD TIMER PLUG HSG 3P MK2



Documents

Product Drawings

2.5 SIGNAL DBL LOCK REC CONT M

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_917684-1_L.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_917684-1_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_917684-1_L.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

1773458-3_2.5MM_SIGNAL_DOUBLE_LOCK_CONNECTORS

English

2.5mm-sealed-signal-double-lock

English

Product Specifications

Engineering Report

English

Agency Approvals

TUV Certificate

English