



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Contact Base Material: **Phosphor Bronze**

Product Terminates To: **Printed Circuit Board**

Contact Current Rating (Max): **5 A**

Features

Product Type Features

Applied Pressure	Standard
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Electrical Characteristics

Contact Resistance	12 mΩ
Dielectric Withstanding Voltage (Max)	1200 V
Insulation Resistance	5000 MΩ

Contact Features

Contact Orientation	Horizontal
PCB Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5 A

Termination Features

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Termination Post & Tail Length	3.68 mm[.145 in]
Product Terminates To	Printed Circuit Board

Mechanical Attachment

Wire Insulation Support	Without
PCB Mount Retention	Without

Housing Features

Mating Entry Location	Side
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Dimensions

PCB Thickness (Recommended)	1.4 – 2.62 mm[.055 – .103 in]
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Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Reel
Packaging Quantity	5000

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

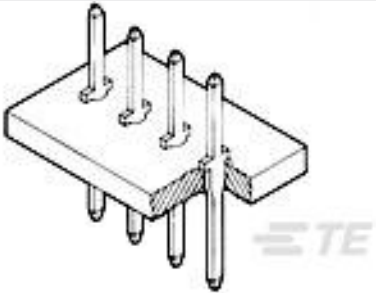
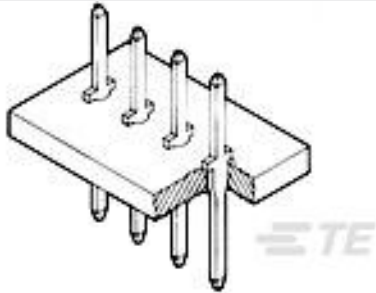
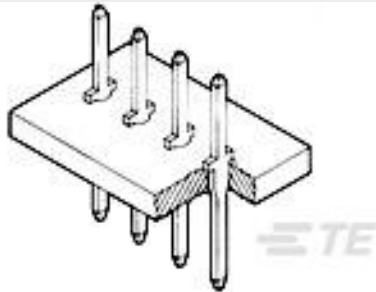
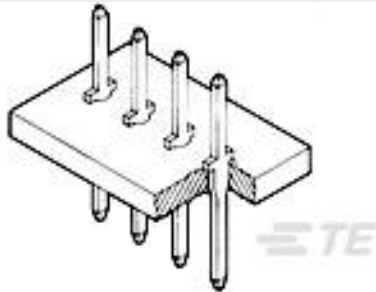
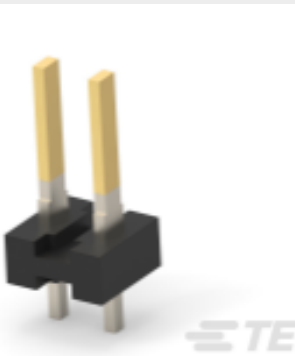
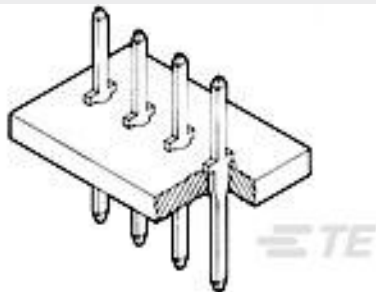
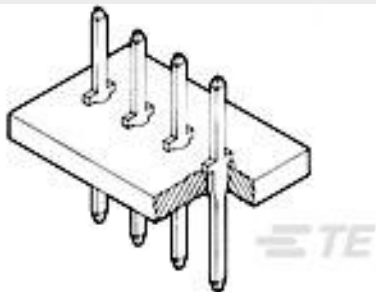
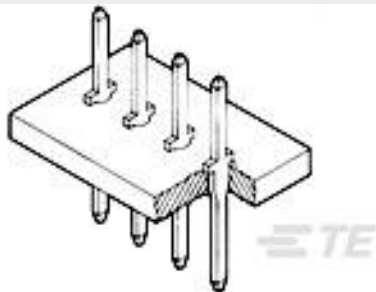
Product Compliance Disclaimer

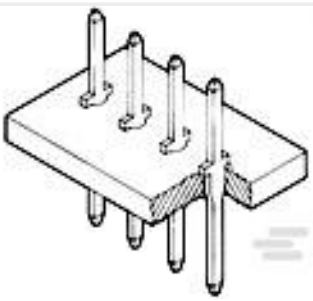
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent



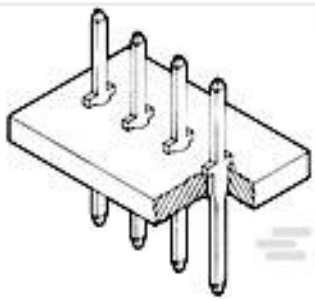
chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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 # 1-86147-8 MOD I POST PLTD 30 AU	 TE Part # 1-86182-8 MOD I POST LP	 TE Part # 2-85829-0 20 MODI HDR SRST .156CL	 TE Part # 1-85829-0 10 MODI HDR SRST .156CL
 TE Part # 1-86182-5 MOD I POST LP	 TE Part # 1-87258-0 10 MODI HDR SRRA .156CL	 TE Part # 86182-8 MOD I POST LP	 TE Part # 1-86147-2 MOD I POST PLTD 30 AU
 TE Part # 1-87247-9 19 MODI HDR SRST .156CL	 TE Part # 85923-9 09 MODI HDR SRST .156CL	 TE Part # 85829-2 02 MODI HDR SRST .156CL	 TE Part # 1-86147-5 MOD I POST PLTD 30 AU
 TE Part # 87283-2 02 MODI HDR SRST .156CL	 TE Part # 1-86182-2 MOD I POST LP	 TE Part # 86181-2 MODI KEYING PLUG	 TE Part # 86147-8 MOD I POST PLTD 30 AU



TE Part # 86147-7
MOD I POST PLTD 30 AU

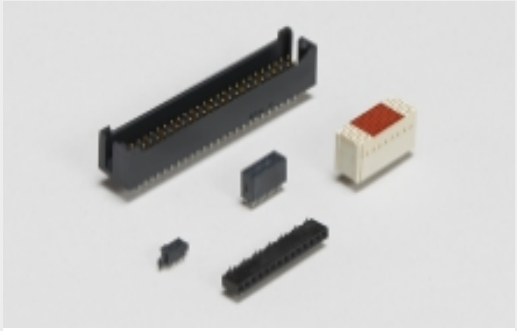


TE Part # 86182-7
MOD I POST LP

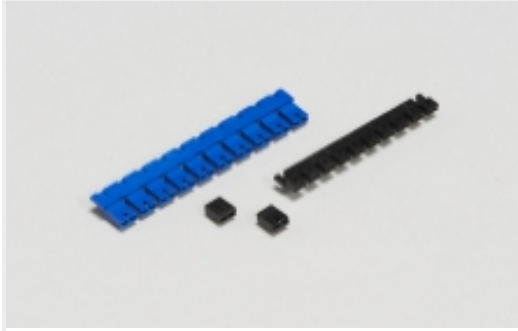


TE Part # 87258-2
02 MODI HDR SRRA .156CL

Also in the Series | AMPMODU MOD 1



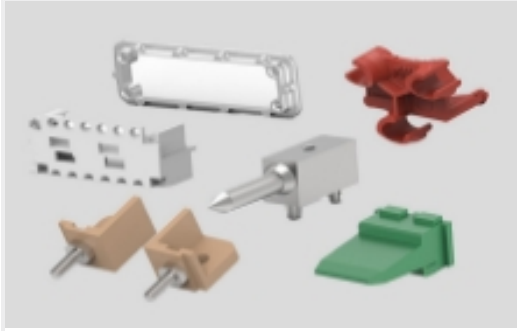
Board-to-Board Headers & Receptacles(105)



Board-to-Board Jumpers & Shunts(5)



Connector Contacts(75)



Connector Hardware(2)



Power Contacts(1)



Rectangular Power Connectors(20)

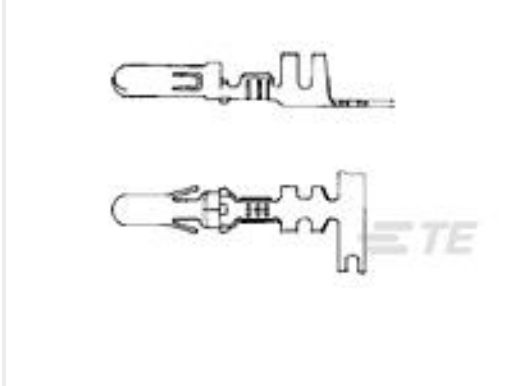


Wire-to-Board Connector Assemblies & Housings(16)

Customers Also Bought



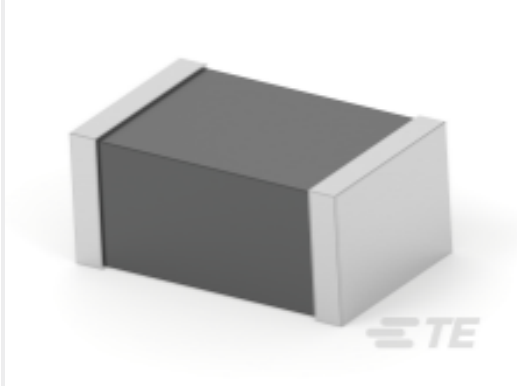
TE Part #K1007153
Toggle Switch 08-1-1-13



TE Part #925715-2
MATENLOK PIN .140



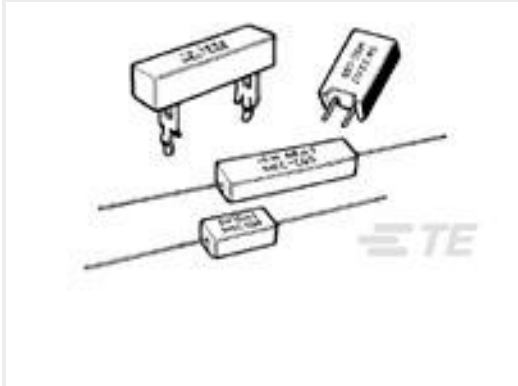
TE Part #35247
TERMINAL,SOLIS R 8 1/4



TE Part #2176487-1
BMC 0805 300R 25% A Med C



TE Part #1981959-1
PUSH PUSH SIM H1.87 SWITCH EMOSS ASSY



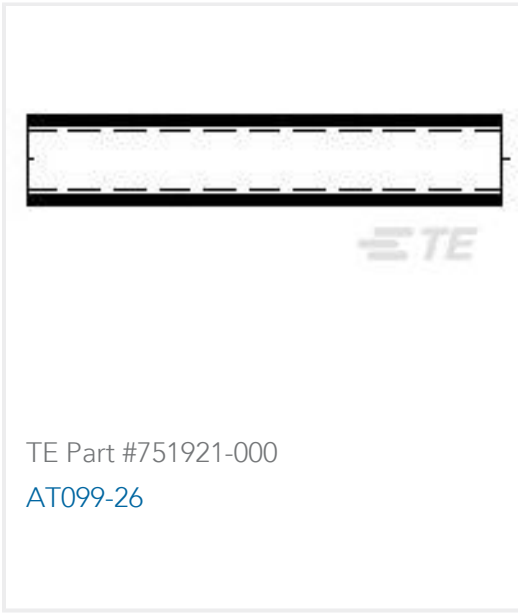
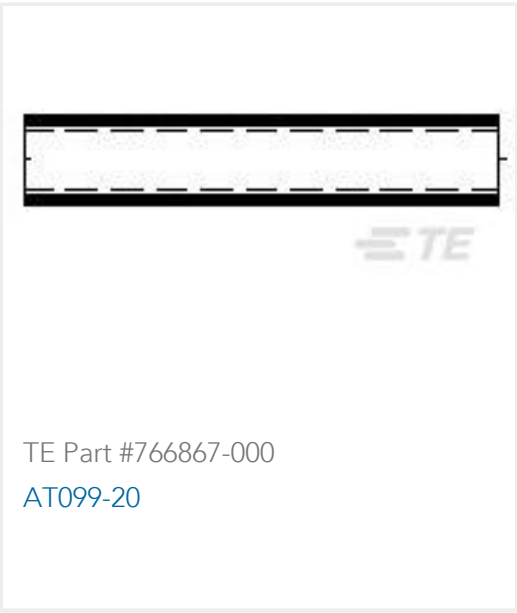
TE Part #1-1623782-3
SQM5 47K 5% (METAL FILM)



TE Part #CQ50483001
RAY-101-7.5(10)



TE Part #K1002955
Toggle Switch 08-2-1-17



Documents

Product Drawings

MOD I RECP PLTD 30 SEL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_85487-4_AN.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_85487-4_AN.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_85487-4_AN.3d_stp.zip

English

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

Product Specifications

Application Specification

English