



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Contact Base Material: **Phosphor Bronze**

Product Terminates To: **Printed Circuit Board**

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

Features

Electrical Characteristics

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

Product Type Features

Applied Pressure	Standard
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Dimensions

PCB Thickness (Recommended)	1.4 – 2.62 mm[.055 – .103 in]
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Mechanical Attachment

Wire Insulation Support	Without
PCB Mount Retention	Without

Housing Features

Mating Entry Location	Side
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Packaging Features

Packaging Method	Reel
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Packaging Quantity	5000
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Termination Features

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

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
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5 A

Usage Conditions

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

Circuit Application	Signal
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

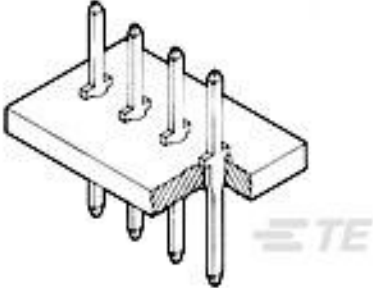
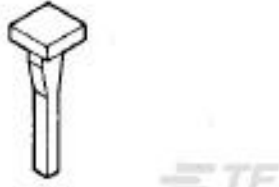
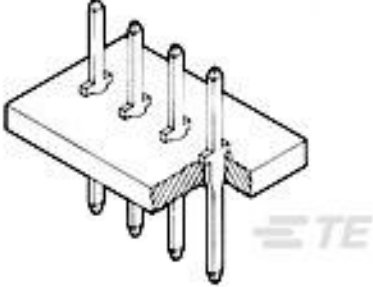
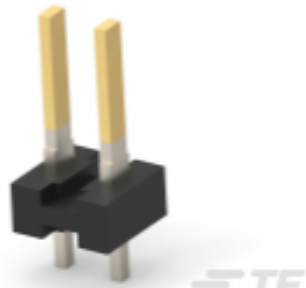
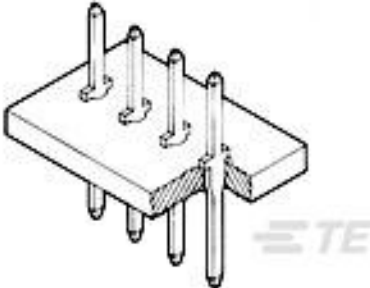
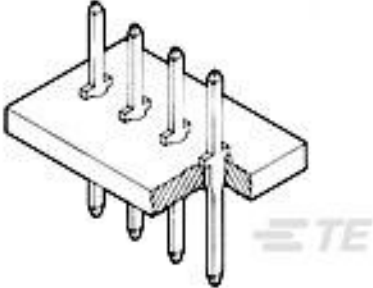
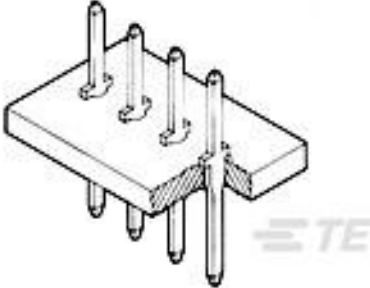
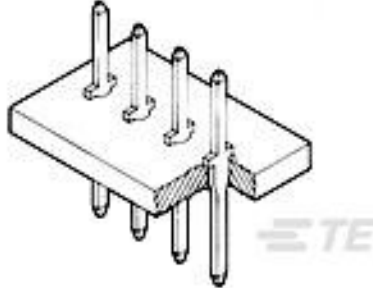
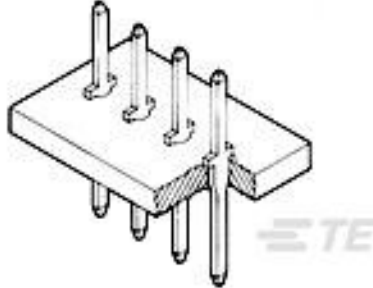
Product Compliance Disclaimer

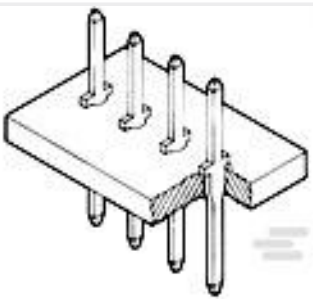
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



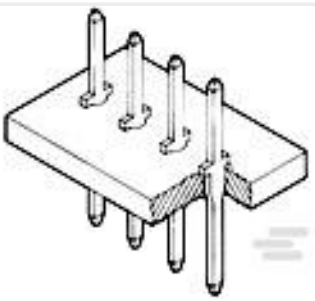
limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration 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

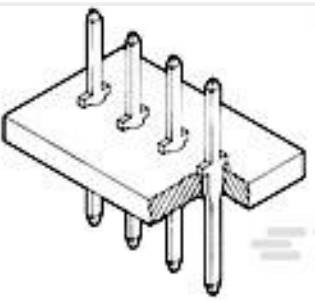
 TE Part # 1-86182-5 MOD I POST LP	 TE Part # 1-87258-0 10 MODI HDR SRRA .156CL	 TE Part # 86181-2 MODI KEYING PLUG	 TE Part # 2-85829-0 20 MODI HDR SRST .156CL
 TE Part # 86182-8 MOD I POST LP	 TE Part # 1-85829-0 10 MODI HDR SRST .156CL	 TE Part # 1-87247-9 19 MODI HDR SRST .156CL	 TE Part # 85829-2 02 MODI HDR SRST .156CL
 TE Part # 85923-9 09 MODI HDR SRST .156CL	 TE Part # 86147-8 MOD I POST PLTD 30 AU	 TE Part # 87258-2 02 MODI HDR SRRA .156CL	 TE Part # 87283-2 02 MODI HDR SRST .156CL
 TE Part # 1-86147-2 MOD I POST PLTD 30 AU	 TE Part # 1-86147-5 MOD I POST PLTD 30 AU	 TE Part # 1-86147-8 MOD I POST PLTD 30 AU	 TE Part # 1-86182-2 MOD I POST LP



TE Part # 1-86182-8
MOD I POST LP

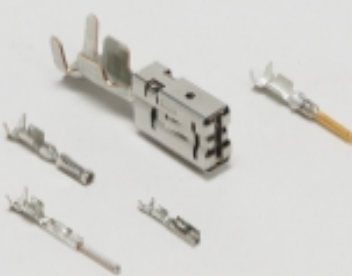


TE Part # 86147-7
MOD I POST PLTD 30 AU



TE Part # 86182-7
MOD I POST LP

Also in the Series | AMPMODU MOD 1



Automotive Terminals(4)



Board-to-Board Jumpers & Shunts(5)



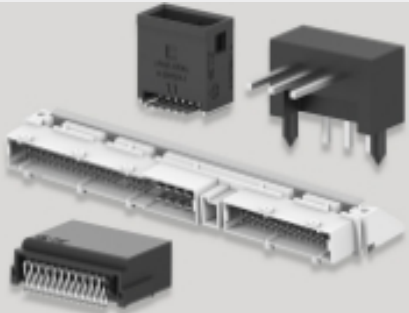
Connector Contacts(75)



Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(105)



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

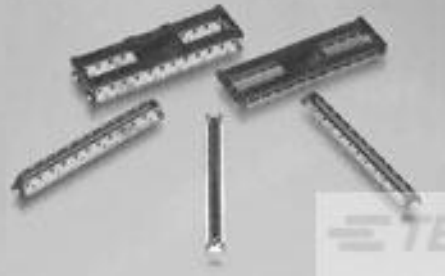
Customers Also Bought



TE Part #1-1462039-8
IM06DGR=IM RELAY 140mW 12V



TE Part #1415898-1
RTS3T024



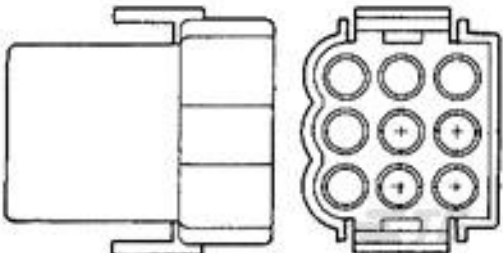
TE Part #3-6318491-6
.5FHP08H,220,S,GIG,08/Sn,HT,NSYes



TE Part #826632-5
5P AMPMODU II PIN HDR



TE Part #5787834-1
STD USB TYPE B, VERTICAL, T/H



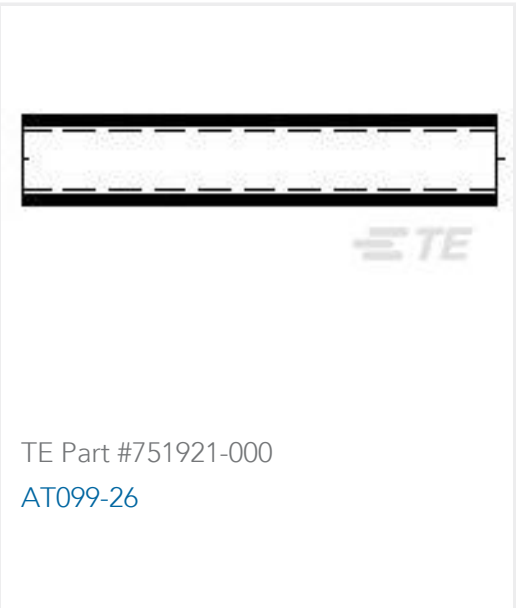
TE Part #1-480673-0
09P .140 MNL CAP PM NAT



TE Part #1734248-6
1.0 FPC, ZIF V/T, SMT, 6P



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



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

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Product Specifications

[Application Specification](#)

English