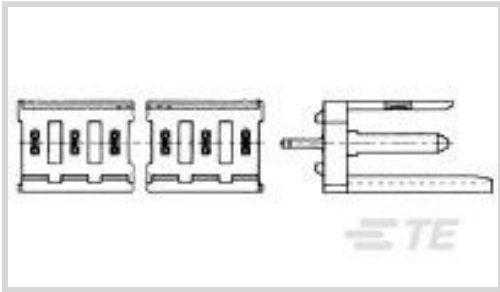




Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Number of Positions: **10**

Centerline (Pitch): **3.96 mm [.156 in]**

Header Type: **Partially Shrouded**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Header Type	Partially Shrouded
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Rows	1
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	10

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 VACrms
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Body Features

Connector Profile	Standard
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Contact Features

Contact Mating Area Length	10 mm[.393 in]
Mating Tab Width	1.6 mm[.063 in]
Mating Tab Thickness	.79 mm[.031 in]
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass



Contact Mating Area Plating Material	Tin
Contact Type	Pin

Termination Features

Rectangular Termination Post & Tail Thickness	.8 mm[.031 in]
Rectangular Termination Post & Tail Width	.9 mm[.035 in]
Termination Post & Tail Length	3.3 mm
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Polarization
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Green
Housing Material	Polycarbonate GF

Usage Conditions

Operating Temperature Range	-65 – 105 °C
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Industry Standards

Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	200
Packaging Method	Box & Carton

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 2021 (211) Candidate List Declared Against: JAN 2021 (211)



SVHC > Threshold:
Perfluorobutane sulfonic acid (PFBS) and its salts (.16% in Component Part)

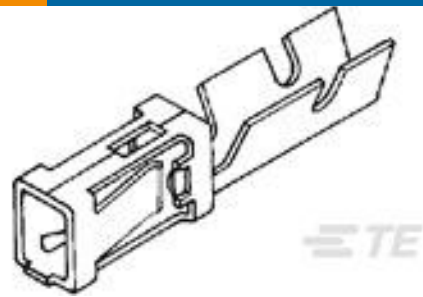
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

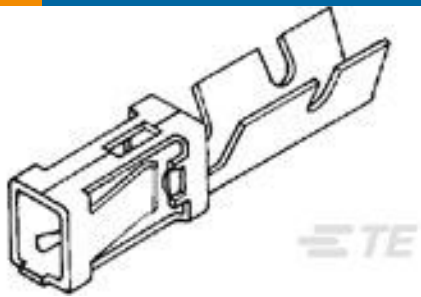
Product Compliance Disclaimer

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>

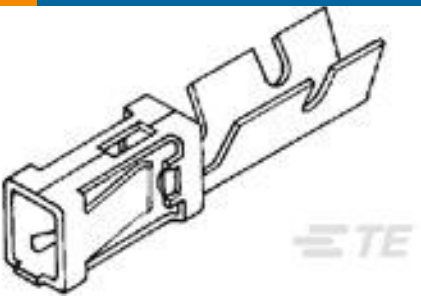
Compatible Parts



TE Part # 182198-1
MOD 1 CONTACT



TE Part # 181299-2
MOD 1 CONTACT REC



TE Part # 181299-1
MOD 1 CRIMP CONTACT



TE Part # 280594
AMP MODU MOD 1 RECEPT HSG

Also in the Series | AMPMODU MOD 1



Automotive Terminals(6)



Board-to-Board Connector Contacts (104)



Board-to-Board Headers & Receptacles(372)



Board-to-Board Jumpers & Shunts(5)



Insertion & Extraction Tools(1)

PCB Connector Keying(2)

Wire-to-Board Connector Assemblies & Housings(44)

Wire-to-Board Connector Contacts(2)

Customers Also Bought

TE Part #7-1676966-3
SMD Power Resistor: 7 Watt, 200-2M Ohm

TE Part #280372-1
6P AMPMODU II SHRD HDR, ST, TIN

TE Part #280373-1
8P AMPMODU II SHRD HDR, ST, TIN

TE Part #182198-1
MOD 1 CONTACT

TE Part #280370-1
2P AMPMODU II SHRD HDR, ST, TIN

TE Part #280371-1
4P AMPMODU II SHRD HDR, ST, TIN

TE Part #1-1718093-1
LOW & MEDIUM POWER HEADER

TE Part #2127374001
GPO-135-9.5/4.8-0-SP

TE Part #2-1904045-7
V23333Z0002B049-EV-100

TE Part #171363-1
MULTI INTERLOCK CONN HSG

Documents

Product Drawings
10P MOD 1 SHROUDED HEADER, ST, TIN PLTD
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_280613-1_M_c-280613-1-m.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_280613-1_M_c-280613-1-m.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_280613-1_M_c-280613-1-m.3d_stp.zip](#)

English

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

Agency Approvals

UL Report

English