

1-102694-0 ✓ ACTIVE

AMPMODU

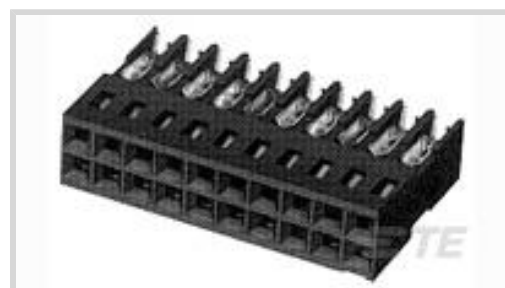
TE Internal #: 1-102694-0

Connector Assembly, Housing for Female Terminals, Insulation Displacement (IDC), Wire-to-Board, Gold, High, UL 94V-0, Standard Rectangular Connectors

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**
Connector & Housing Type: **Housing for Female Terminals**
Mating Alignment: **Without**
Mating Retention: **Without**
Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board
Insertion Force Type	High
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Mechanical Attachment

Mating Alignment	Without
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Contact Retention Type Within Housing	Locking Lance

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Operation/Application

Shielded	No
Circuit Application	Signal

Contact Features

Contact Mating Area Plating Material	Gold
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Contact Retention Within Housing	With
Contact Current Rating (Max)	3 A
Contact Underplating Material	Nickel
Wire Contact Termination Area Plating Material	Tin
Contact Layout	Matrix

Industry Standards

UL Flammability Rating	UL 94V-0
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Configuration Features

Number of Positions	10
Number of Rows	2
Number of Loaded Positions	10
Contacts Preloaded	Yes

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Product Length	12.7 mm[.5 in]
Connector Height	6.1 mm[.24 in]
Wire Size	26 – 22 AWG

Packaging Features

Packaging Quantity	250
Packaging Method	Tray

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	Not applicable for solder process capability

Product Compliance Disclaimer

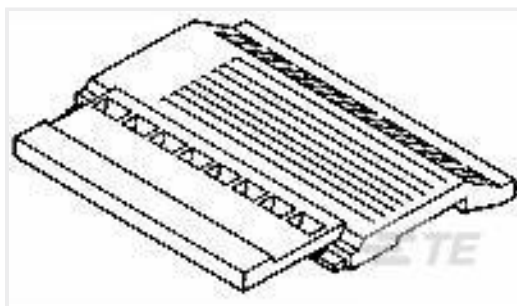
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



Customers Also Bought





TE Part #102540-3
10 AMPMODU MT COVER DR .100CL



TE Part #CONMHF1-SMD-T
U.FL/MHF1 Jack 50 Ohm PCB Surface Mount



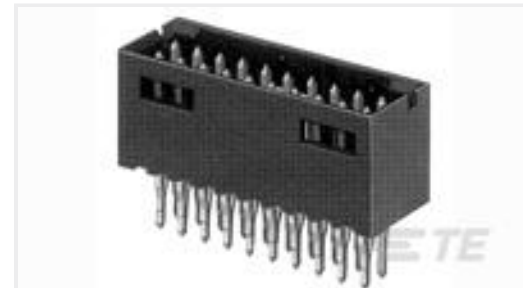
TE Part #L9000275-01
SMA Plug 50 Ohm .062 PCB Edge Mount



TE Part #9-146257-0
80 MODII HDR DRST B/A .100CL LF



TE Part #2195846-3
FPC ANT, MHF, 150mm, 698-7125 MHz



TE Part #5-102699-4
10 MODII HDR DRST SHRD A/PIN

Documents

Product Drawings

[10 AMPMODU MT ASSY DR .100CL](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_1-102694-0_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1-102694-0_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-102694-0_P.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English