



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Board**
Number of Positions: **10**
Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	10
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Body Features

Primary Product Color	Natural
-----------------------	---------

Contact Features

--	--



Contact Base Material	Copper Alloy
Contact Type	Socket
Contact Current Rating (Max)	4.5 A

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Latch
PCB Mount Retention	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon - GF
Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

Connector Width	9.58 mm[.377 in]
Connector Height	8 mm[.315 in]
Wire Size	26 – 22 AWG
Connector Length	27.3 mm[1.075 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Bag
Packaging Quantity	500



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	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

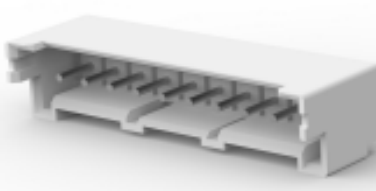
Compatible Parts



TE Part # 2482324-1
EXTRACTION TOOL



TE Part # 2110989-1
EP 2.5 RCPT CONTACT, 26-22 AWG



TE Part # 1-1744439-0
EP2.5 Shrd HDR ASSY 10P VERT, GW



TE Part # 1-1744418-0
10 POS EP 2.5 HDR, GLOW WIRE





TE Part # 1-2132230-0
EP2.5 Shrouded HDR ASSY 10P VE



TE Part # 1-1744426-0
Header Housing Assy, EP 2.5 RA, 10 Pos.



TE Part # 1-1969443-0
EP 2.5 TPA Retainer, 10 Pos



TE Part # 1-2132415-0
EP2.5 Shrouded HDR ASSY 10P VERT w/oboss



TE Part # 1744423-1
EP 2.5 RCPT CONTACT, 24-20 AWG



TE Part # 1-2324579-4
HOUSING, PLUG, 14P, DUAL ROW, EP2.5



TE Part # 1-1969541-0
RETAINER, TPA, DUAL ROW, EP2.5



TE Part # 1-1744446-0
Hdr Assy, EP 2.5 RA, 10 Pos., GW



TE Part # 1-2304185-0
EP2.5 HDR ASSY 10P VERT W/O BOSS



TE Part # 1-2324579-2
HOUSING, PLUG, 12P,DUAL ROW, EP2.5



TE Part # 1-2324448-0
ASSY, HDR, RIGHT ANGLE, DUAL ROW, EP2.5

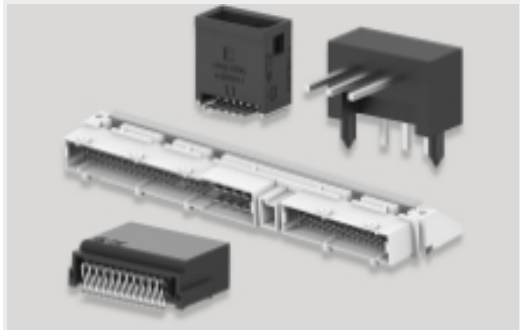
Also in the Series | Economy Power 2.5



Connector Contacts(6)



Connector Hardware(49)



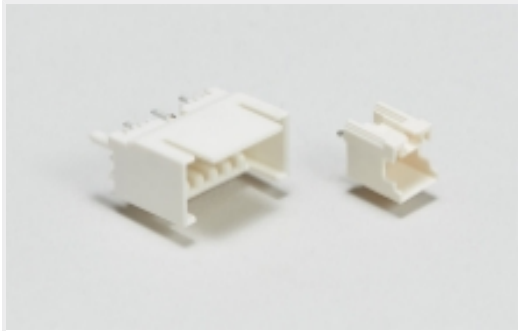
PCB Headers & Receptacles(533)



Rectangular Power Connectors(531)



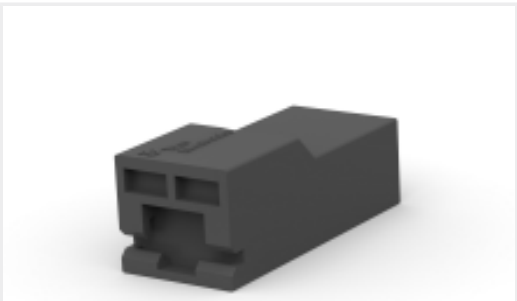
Wire-to-Board Connector Assemblies & Housings(305)



Wire-to-Board Headers & Receptacles (533)

Customers Also Bought





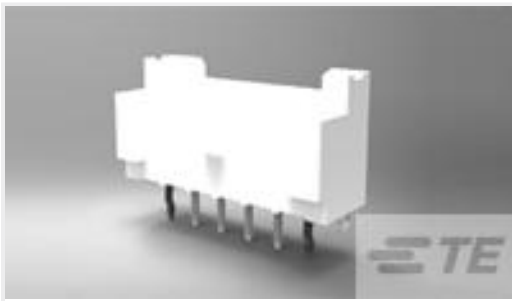
TE Part #1-1969186-1
312 FASTON HSG., REC., BLACK



TE Part #1969442-6
EP 2.5 TPA Housing, 6 Pos



TE Part #1971786-1
PTL TAB CONTACT, 20 - 24 AWG



TE Part #1-2132415-0
EP2.5 Shrouded HDR ASSY 10P VERT w/oboss



TE Part #1744423-1
EP 2.5 RCPT CONTACT, 24-20 AWG



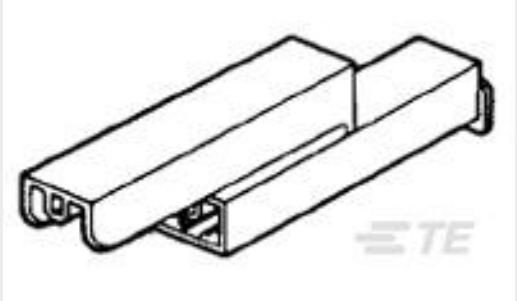
TE Part #1969442-9
EP 2.5 TPA Housing, 9 Pos



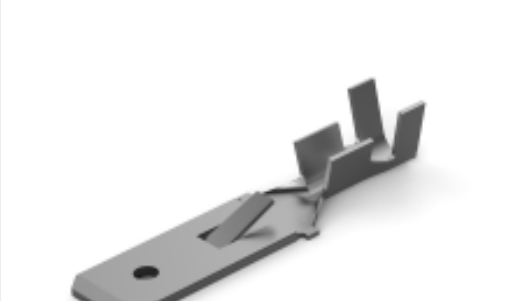
TE Part #521600-2
ULTRA-POD 187 ASY REC 22-18 AWG TPBR



TE Part #1971237-2
PTL RECEPTACLE CONTACT, 2X20 AWG



TE Part #1-174712-1
187 HSG. PL MKII REC. 6.65mm 2P NAT



TE Part #928948-2
FF 250 TAB 1.0-2.5 MM2 TP CUZN30

Documents

Product Drawings
EP 2.5 TPA Housing, 10 Pos
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-1969442-0_C.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-1969442-0_C.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-1969442-0_C.3d_stp.zip
English

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

Datasheets & Catalog Pages



7-1773461-6_EP2.5_Connector_Series

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English