



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: **2**

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	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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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	7.3 mm[.287 in]

Usage Conditions

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

Circuit Application	Power
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Industry Standards

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	600



Product Compliance

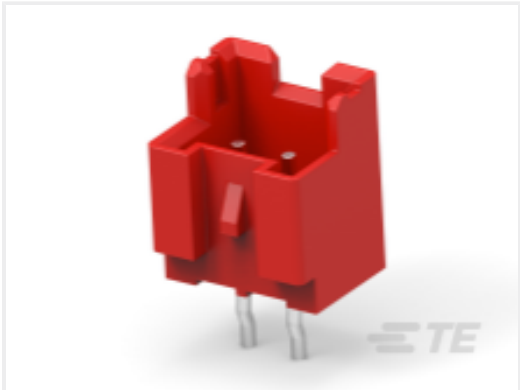
For compliance documentation, visit the product page on TE.com>

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 # 1-2304185-2
EP2.5 HDR ASSY 2P VERT W/O BOSS, RED



TE Part # 1744418-2
2 POS EP 2.5 HDR, GLOW WIRE



TE Part # 2299683-2
EP2.5 HDR ASSY 2P VERT W/O BOSS, TAPING



TE Part # 4-2304185-2
EP2.5 HDR ASSY 2P VERT W/O BOSS, YELLOW



TE Part # 2-2299683-2
EP2.5 HDR 2P VERT W/O BOSS,
TAPING,BLUE



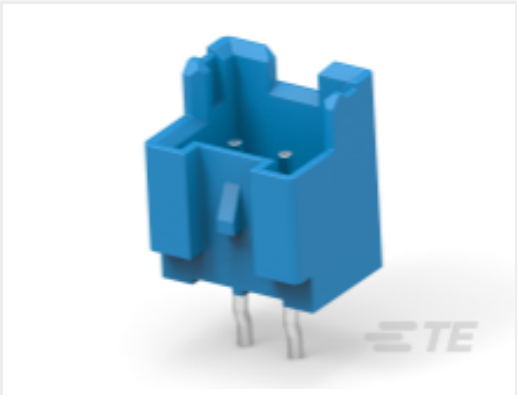
TE Part # 1744423-1
EP 2.5 RCPT CONTACT, 24-20 AWG



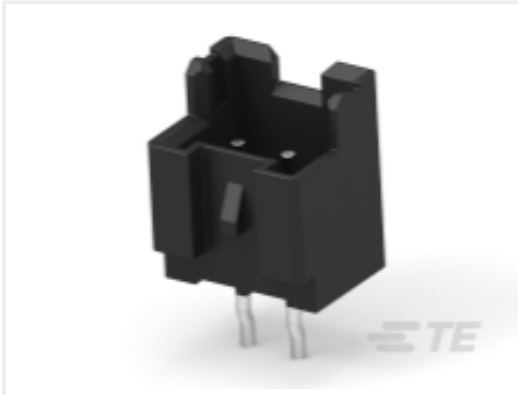
TE Part # 2132230-2
EP2.5 Shrouded HDR ASSY 2P VER



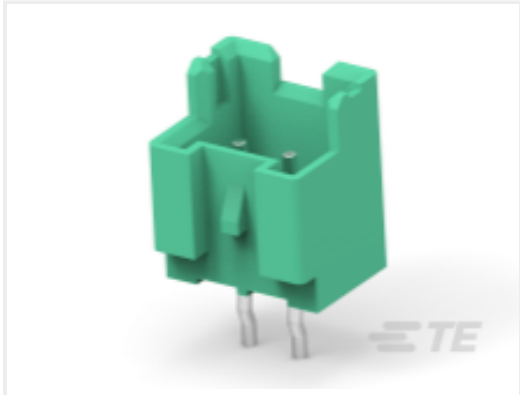
TE Part # 2304185-2
EP2.5 Shrouded HDR ASSY 2P VERT w
/o boss



TE Part # 2-2304185-2
EP2.5 HDR ASSY 2P VERT W/O BOSS,
BLUE



TE Part # 3-2304185-2
EP2.5 HDR ASSY 2P VERT W/O BOSS,
BLACK



TE Part # 5-2304185-2
EP2.5 HDR ASSY 2P VERT W/O BOSS,
GREEN



TE Part # 1744439-2
EP2.5 Shrd HDR ASSY 2P VERT, GW
GREEN



TE Part # 4-2299683-2
EP2.5 HDR 2P VERT W/O BOSS,
TAPING,YELLOW



TE Part # 5-2299683-2
EP2.5 HDR 2P VERT W/O BOSS,
TAPING,GREEN



TE Part # 2482324-1
EXTRACTION TOOL



TE Part # 1-2299683-2
EP2.5 HDR 2P VERT W/O BOSS,
TAPING,RED



TE Part # 1969443-2
EP 2.5 TPA Retainer, 2 Pos



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



TE Part # 2132415-2
EP2.5 Shrouded HDR ASSY 2P VERT w
/o boss

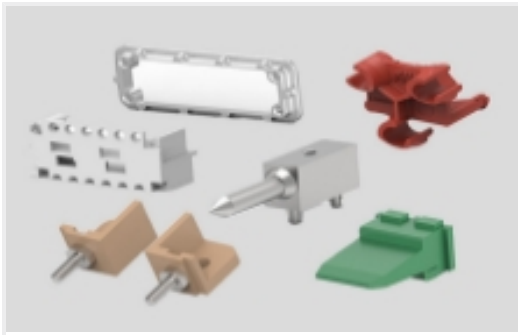


TE Part # 1744426-2
Header Housing Assy, EP 2.5 RA, 2 Pos.

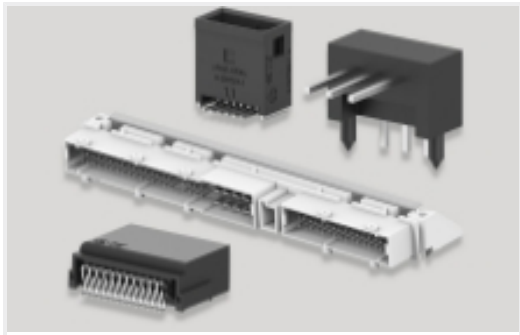
Also in the Series | Economy Power 2.5



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



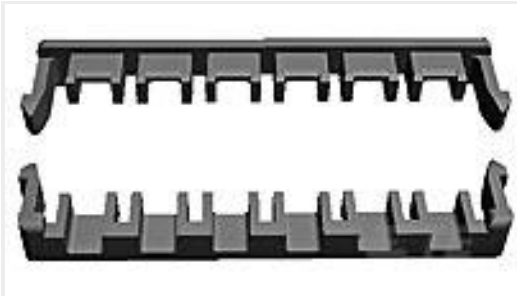
TE Part #1969592-8
HSG,REC,FREE-HANGING,DUALROW, EP2.5



TE Part #177901-1
POWER DBL LOCK PLUG HSG 6P



TE Part #794231-1
MINI UMN2 SCKT 20-16AWG LP SN



TE Part #1376397-1
5MM POWER KEY D/L PLATE GREEN



TE Part #1969442-8
EP 2.5 TPA Housing, 8 Pos



TE Part #2232902-1
AMP POWER DBL LOCK REC (S)



TE Part #42800-1
187 FASTON REC 20-16 AWG BR



TE Part #794785-1
04P UMN2 INTERFACE SEAL



TE Part #1969442-4
EP 2.5 TPA Housing, 4 Pos



TE Part #2232905-1
EP 2.5 LIF RCPT CONTACT, 26-22 AWG

Documents

Product Drawings

EP 2.5 TPA Housing, 2 Pos

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1969442-2_C.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1969442-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1969442-2_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