



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Latch**

Connector System: **Wire-to-Board**

UL Flammability Rating: **UL 94V-0**

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	18
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 Layout	Inline
Contact Type	Socket

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
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Height	5.7 mm[.224 in]
Connector Length	47.3 mm[1.859 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	Glow Wire

Packaging Features

Packaging Quantity	250
Packaging Method	Bag

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 # 1-1744439-8 EP2.5 Shrd HDR ASSY 18P VERT, GW	 TE Part # 1-1969541-8 RETAINER, TPA, DUAL ROW, EP2.5	 TE Part # 1-1744446-8 Hdr Assy, EP 2.5 RA, 18 Pos., GW	 TE Part # 1-1744426-8 Header Housing Assy, EP 2.5 RA, 18 Pos.
 TE Part # 1-1744418-8 18 POS EP 2.5 HDR, GLOW WIRE	 TE Part # 1744423-1 EP 2.5 RCPT CONTACT, 24-20 AWG	 TE Part # 1-1969443-8 EP 2.5 TPA Retainer, 18 Pos	 TE Part # 1-2132415-8 EP2.5 Shrouded HDR ASSY 18P VERT w/oboss



TE Part # 1-2132230-8
EP2.5 Shrouded HDR ASSY 18P VE

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

TE Part # 2482324-1
EXTRACTION TOOL

Also in the Series | Economy Power 2.5

Connector Contacts(6)

Connector Hardware(42)

PCB Headers & Receptacles(412)

Rectangular Connector Housings(264)

Rectangular Power Connectors(673)

Standard Rectangular Connectors(264)

Wire-to-Board Connector Assemblies & Housings(93)

Wire-to-Board Headers & Receptacles (412)

Customers Also Bought

TE Part #776180-1
35POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 1

TE Part #1-1744417-2
12 POS EP 2.5 HSG, GLOW WIRE

TE Part #1-2132415-2
EP2.5 Shrouded HDR ASSY 12P VERT w/oboss

TE Part #1-2132415-8
EP2.5 Shrouded HDR ASSY 18P VERT w/oboss

TE Part #2232983-1
EP 2.5 LIF RCPT CONTACT, 24-20 AWG

TE Part #2132415-4
EP2.5 Shrouded HDR ASSY 4P VERT w /o boss



Documents

Product Drawings

18 POS EP 2.5 HSG, GLOW WIRE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1744417-8_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1744417-8_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1744417-8_D.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

Agency Approvals

VDE Certificate

English