

EP 2.5 TPA Housing, 14 Pos

✓ ACTIVE

Economy Power 2.5

TE Part # 1-1969442-4

TE Internal #: 1-1969442-4

[View on TE.com >](#)



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



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

Number of Positions: **14**

Centerline (Pitch): **2.5 mm [.098 in]**

Termination Method to Wire & Cable: **Crimp**

Number of Rows: **1**

Features

Product Type Features

Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector Style	Receptacle
Product Type	Connector
Connector Type	Housing
Strain Relief	Without

Glow Wire Rating Standard Part - Not Glow Wire

Configuration Features

Number of Positions	14
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Color	Natural
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Lock Type	Latch
Mating Connector Lock	With
Panel Mount Feature	Without
Mating Connector Lock Type	Latch
PCB Mount Retention	Without
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Alignment Type	Polarization
Mating Alignment	With

Housing Features

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

Dimensions

Wire Size	.13 – .33 mm ²
Width	.377 in, 9.58 mm
Height	8 mm[.315 in]
Length	37.3 mm[1.465 in]

Usage Conditions

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

Circuit Application	Power
For Use With	Header Assemblies

Industry Standards



CSA Certified	Pending
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	300
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

EP 2.5 TPA Housing, 14 Pos

TE Part # 1-1969442-4
TE Internal #: 1-1969442-4



TE Part # 1-1744418-4
14 POS EP 2.5 HDR,
GLOW WIRE



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



TE Part # 1-1744439-4
EP2.5 Shrd HDR ASSY 14P
VERT, GW



TE Part # 1-1744446-4
Hdr Assy, EP 2.5 RA, 14
Pos., GW



TE Part # 1-2132415-4
EP2.5 Shrouded HDR
ASSY 14P VERT w/oboss



TE Part # 1-1969443-4
EP 2.5 TPA Retainer, 14 Pos



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



TE Part # 1-1744426-4
Header Housing Assy, EP
2.5 RA, 14 Pos.



TE Part # 1-2132230-4
EP2.5 Shrouded HDR
ASSY 14P VE

Also in the Series | Economy Power 2.5



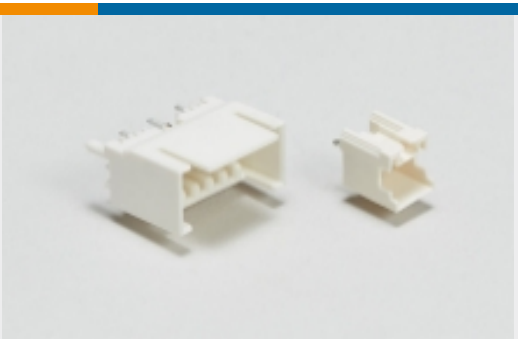
PCB Latches, Locks &
Retainers(36)



Wire-to-Board Connector
Contacts(6)



Wire-to-Board Connector
Housings(102)



Wire-to-Board Headers &
Receptacles(187)

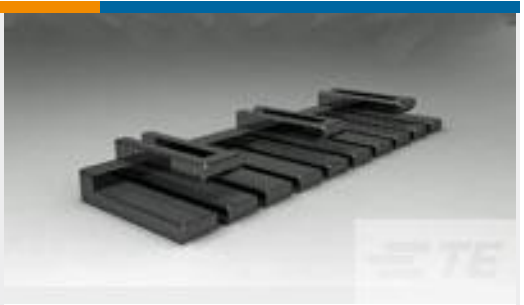
Customers Also Bought



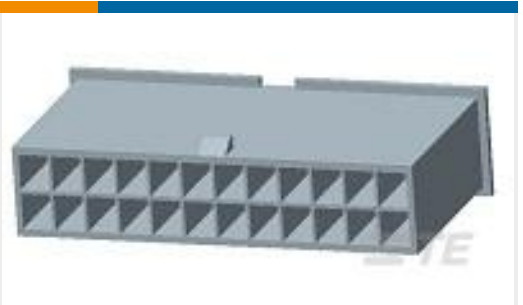
TE Part #1-1969443-4
EP 2.5 TPA Retainer, 14 Pos



TE Part #1-1969442-2
EP 2.5 TPA Housing, 12 Pos



TE Part #1-1969443-2
EP 2.5 TPA Retainer, 12 Pos



TE Part #1969612-2
2P FH PLUG VAL-U-LOK V0

EP 2.5 TPA Housing, 14 Pos

TE Part # 1-1969442-4
TE Internal #: 1-1969442-4



TE Part #1969608-2
2P VAL-U-LOK TPA 22-18
AWG



TE Part #1-172520-3
LOW PRO MINI AMP-IN
HDR 13P



TE Part #1-172520-6
LOW PRO MINI AMP IN
HDR 16P



TE Part #1-172520-7
LOW PRO MINI AMP-IN
HDR 17P



TE Part #1-172520-8
LOW PRO MINI AMP-IN
HDR 18P



TE Part #521598-1
ULTRA-POD 187 ASY REC
22-18 .187X.032 BR

Documents

Product Drawings

EP 2.5 TPA Housing, 14 Pos

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1969442-4_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1969442-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1969442-4_B.3d_stp.zip

English

Datasheets & Catalog Pages

7-1773461-6_EP2.5_Connector_Series

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English



Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English