



Economy Power 2.5

TE Internal #: 2232905-1

Connector Contact, Socket, Wire-to-Board, 2.5 mm [.098 in]
Centerline, 26 – 22 AWG Wire Size, .13 – .36 mm² Wire Size, Tin,
Reel, Economy Power 2.5

[View on TE.com >](#)

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



Contact Type: **Socket**

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

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

Wire Size: **.13 – .36 mm²**

Features

Product Type Features

Applied Pressure	Low
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Mating Square Post Dimension	.6 mm[.023 in]
Contact Retention Within Housing	With
Wire Contact Termination Area Plating Thickness	.4 – 3.5 μm
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material Thickness	.4 – 3.5 μm[15.74 – 137.79 μin]
Contact Mating Area Plating Material Finish	Matte
Contact Length	1.8 mm[.071 in]



Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	4.5 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.5 mm [.098 in]
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Dimensions

Accepts Wire Insulation Diameter Range	1.3 – 1.91 mm [.051 – .075 in]
Wire Size	.13 – .36 mm ²

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Quantity	8000
Packaging Method	Reel

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 2022 (224)



Candidate List Declared Against: JUNE 2022 (224)
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 reviewed 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 # 1969443-6
EP 2.5 TPA Retainer, 6 Pos

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # CAT-G7534A-H342
STD Temp Sig GRACE INERTIA Header

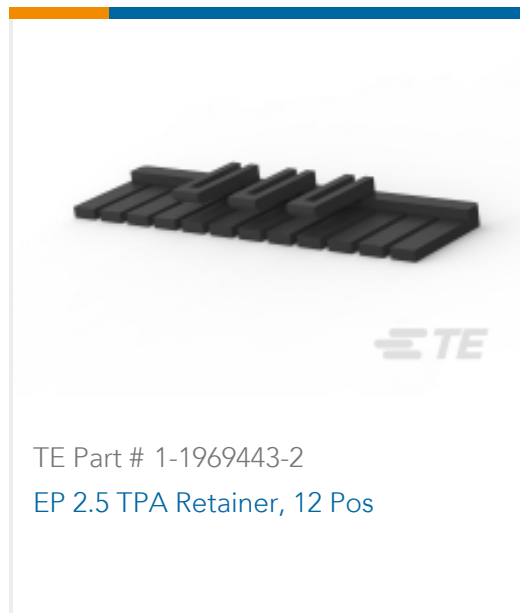
TE Part # 1969442-8
EP 2.5 TPA Housing, 8 Pos

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

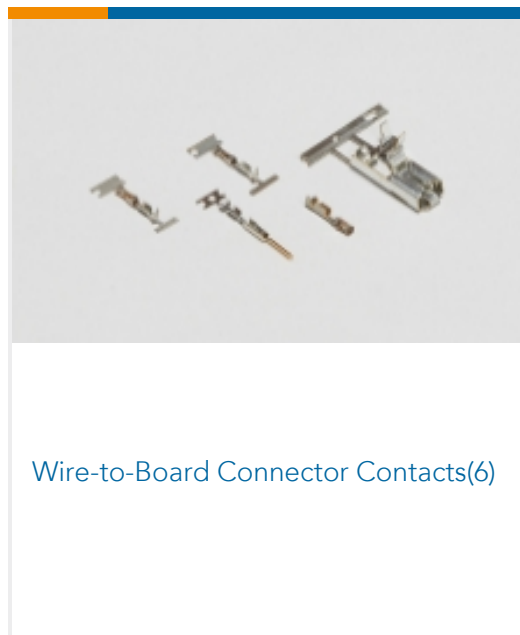
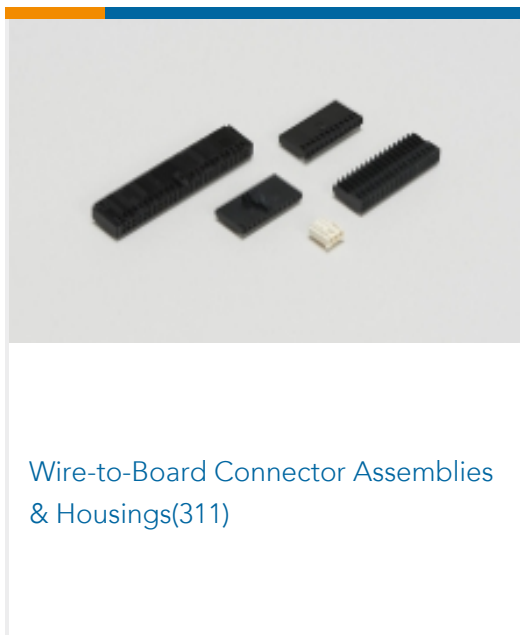
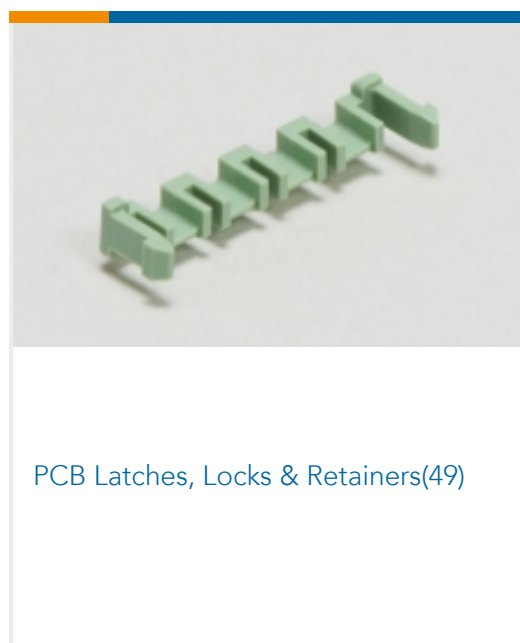
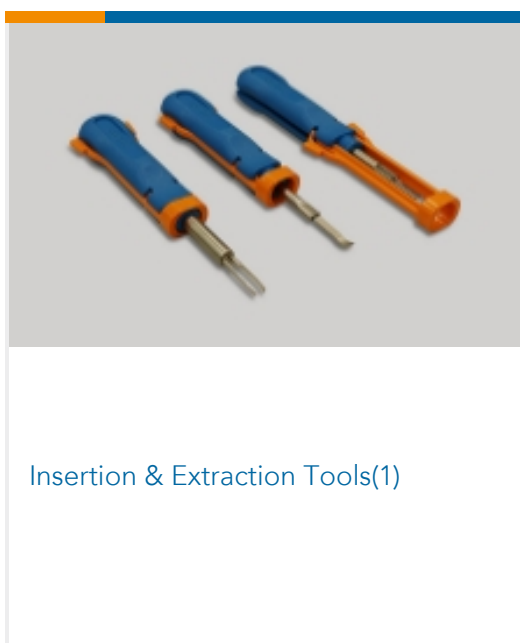
TE Part # 1-1744426-0
Header Housing Assy, EP 2.5 RA, 10 Pos.

TE Part # 1-2299683-4
EP2.5 HDR 4P VERT W/O BOSS, TAPING,RED

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



Also in the Series | Economy Power 2.5



Documents



Product Drawings

[EP 2.5 LIF RCPT CONTACT, 26-22 AWG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2232905-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2232905-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2232905-1_A.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

Product Environmental Compliance

[MD_2232905-1_09062018102_dmtec](#)

English

[MD_2232905-1_09062018102_dmtec](#)

English