



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 Material 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	Pre-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 mm²

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: JAN 2021 (211)



Candidate List Declared Against: JAN 2021
(211)
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
TERMINAL CUTTER, SIDE FEED



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.

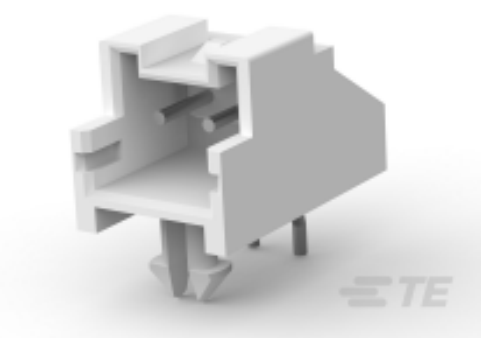
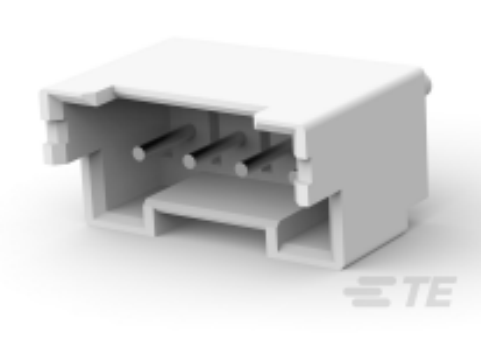
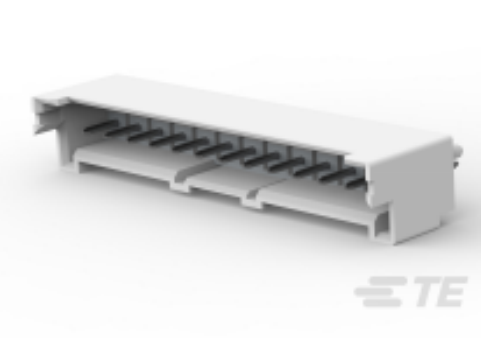
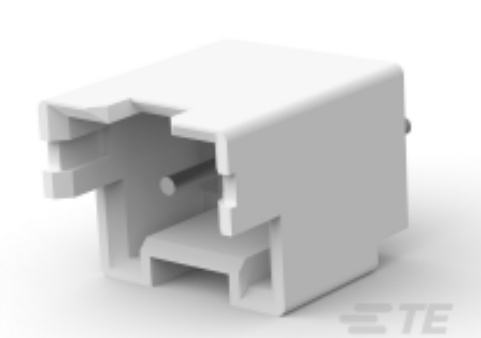
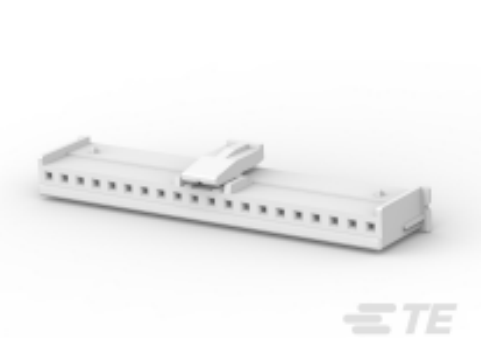
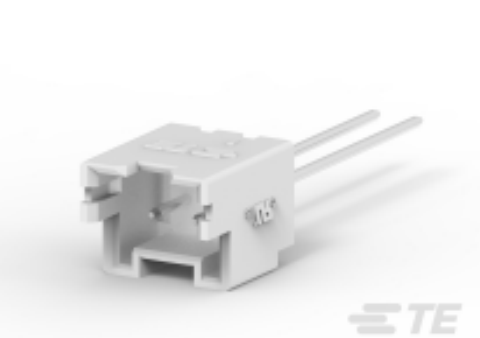


TE Part # 1-2299683-4
EP2.5 HDR 4P VERT W/O BOSS, TAPING,RED



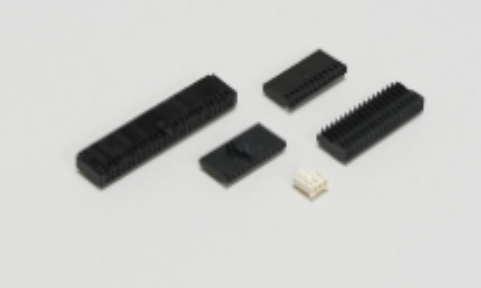
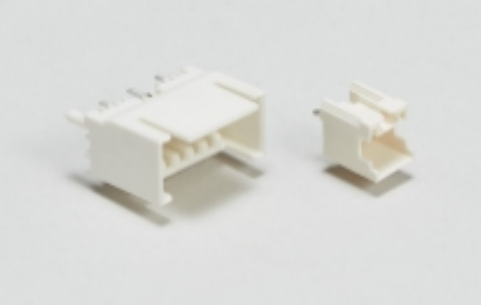
TE Part # 1-1969443-0
EP 2.5 TPA Retainer, 10 Pos



 TE Part # 1744426-2 Header Housing Assy, EP 2.5 RA, 2 Pos.	 TE Part # 1744418-4 4 POS EP 2.5 HDR, GLOW WIRE	 TE Part # 1-1969443-2 EP 2.5 TPA Retainer, 12 Pos	 TE Part # 1-2132230-3 EP2.5 Shrouded HDR ASSY 13P VE
 TE Part # 1744439-2 EP2.5 Shrd HDR ASSY 2P VERT, GW	 TE Part # 2-1744417-0 20 POS EP 2.5 HSG, GLOW WIRE	 TE Part # 2299683-2 EP2.5 HDR ASSY 2P VERT W/O BOSS, TAPING	 TE Part # 2299683-5 EP2.5 HDR 5P VERT W/O BOSS, TAPING
 TE Part # 1-1744439-8 EP2.5 Shrd HDR ASSY 18P VERT, GW	 TE Part # 1-1744446-3 Hdr Assy, EP 2.5 RA, 13 Pos., GW	 TE Part # 1-2299683-1 EP2.5 HDR 2P VERT W/O BOSS, TAPING,RED	 TE Part # 1-2299683-2 EP2.5 HDR 2P VERT W/O BOSS, TAPING,RED

Also in the Series

Economy Power 2.5

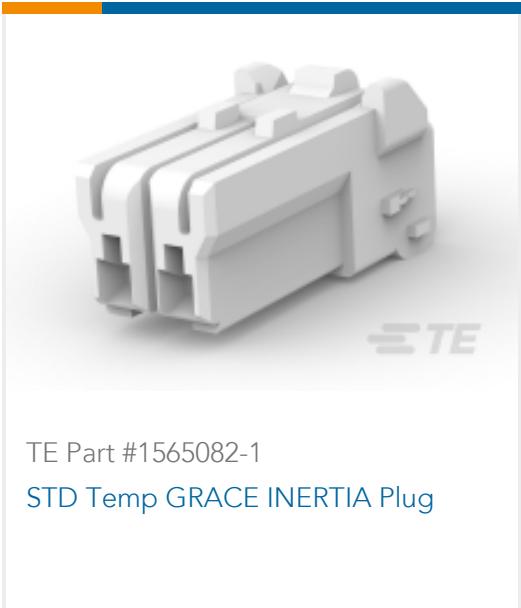
 Insertion & Extraction Tools(1)	 PCB Latches, Locks & Retainers(49)	 Rectangular Power Connectors(43)	 Wire-to-Board Connector Assemblies & Housings(216)
 Wire-to-Board Connector Contacts(6)	 Wire-to-Board Headers & Receptacles (209)		

Customers Also Bought





TE Part #1376397-1
Power Key TPA



TE Part #1565082-1
STD Temp GRACE INERTIA Plug



TE Part #1565087-1
STD Temp GRACE INERTIA Cap



TE Part #1-647402-7
3.96mm Wire-to-board housing:
receptacle, with mating alignment, SL
156



TE Part #1565080-1
GRACE INERTIA Tab



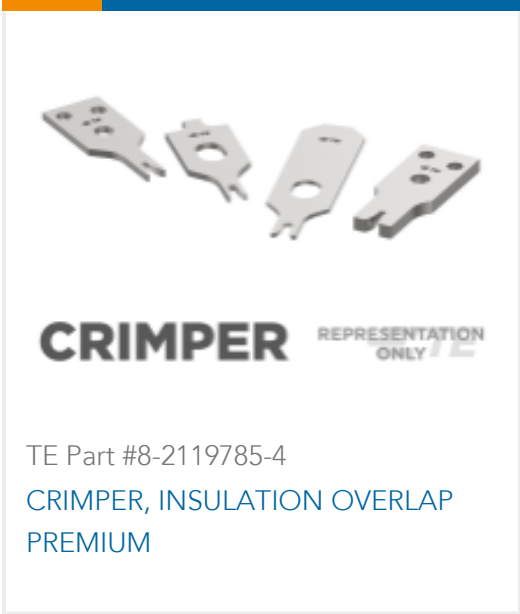
TE Part #1-2232890-3
3P MONOPLUG 2.5 SELECTIVELY
LOADED



TE Part #1-2232892-3
3P MONOPLUG 2.5



TE Part #1534072-4
MULTIF.ASSY MK2 4POS, AR



TE Part #8-2119785-4
CRIMPER, INSULATION OVERLAP
PREMIUM



TE Part #1-927742-3
FASTIN FASTON HOUSING 3POS

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

TE Material Declaration

English

Agency Approvals

VDE Certificate

English