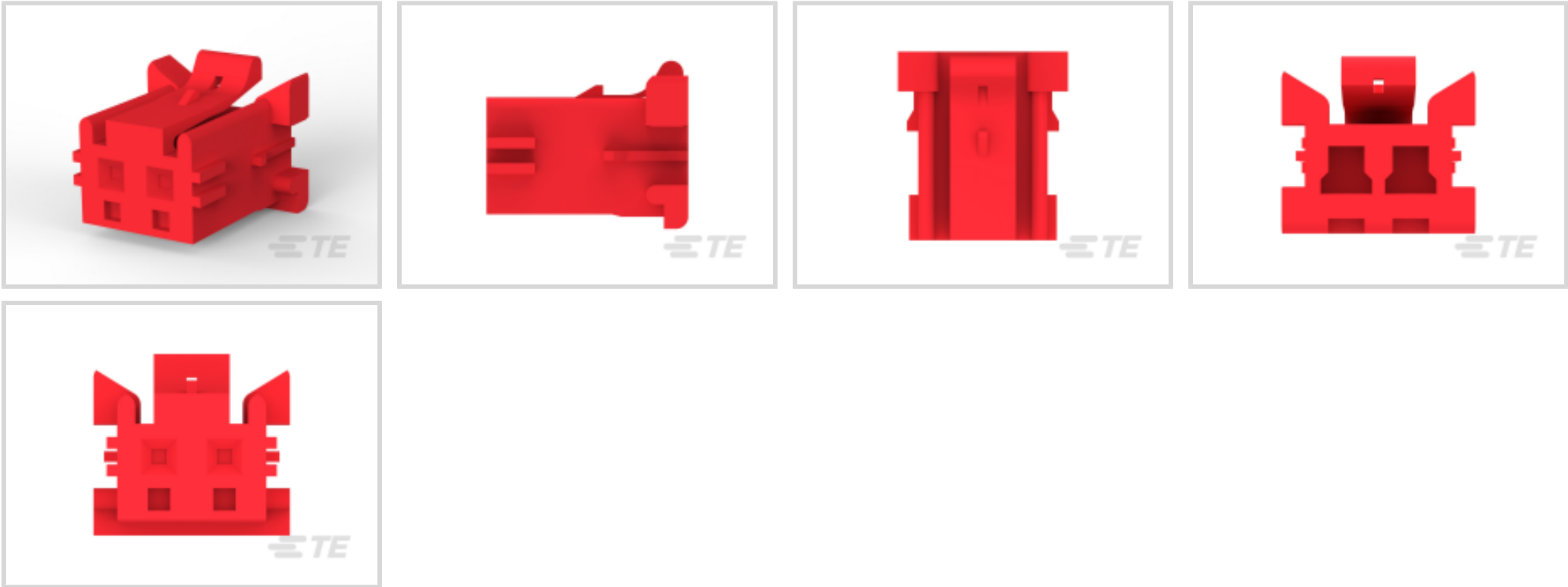




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Connector System: **Wire-to-Board**
Number of Positions: **2**
Centerline (Pitch): **2.5 mm [.1 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VDC
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Body Features

Primary Product Color	Red
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Contact Features

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Contact Layout	Inline
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Current Rating (Max)	2.5 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 66 GF
Centerline (Pitch)	2.5 mm[.1 in]

Dimensions

Connector Height	6.5 mm[.256 in]
Wire Size	26 – 22 AWG
Connector Length	7.5 mm[.295 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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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 # 5-1376492-2
2.5 SMC HDR 2P WHITE TAPE


Also in the Series | AMP Signal Double Lock




Connector Caps & Covers(1)



Connector Contacts(14)



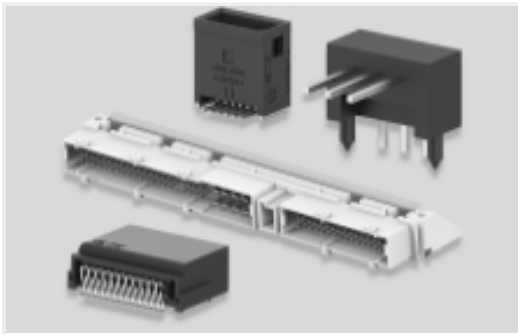
Connector Hardware(19)



Connector Seals & Cavity Plugs(10)



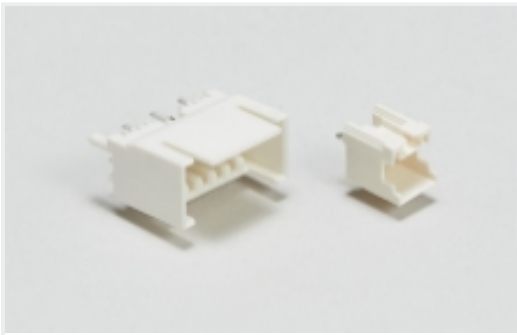
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(146)



Rectangular Power Connectors(46)



Wire-to-Board Headers & Receptacles (146)

Customers Also Bought



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



TE Part #1376477-3
2.5MM PITCH SIGNAL MATE CONN



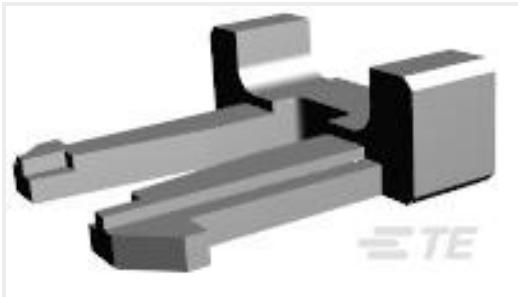
TE Part #179228-2
CT CRIMP TYPE REC HSG



TE Part #2321924-2
RECEPTACLE HOUSING FREE HANGING 2PIN



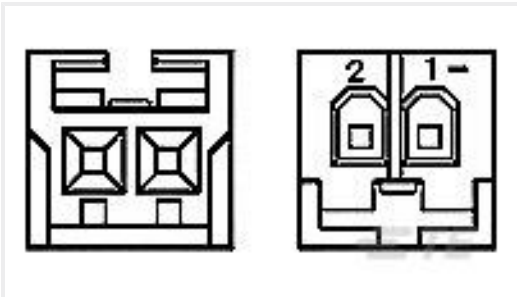
TE Part #1747063-1
GRACE INERTIA CONN 2.5 REC CON



TE Part #917698-1
2.5 SIGNAL DBL LOCK D.L.P 2P



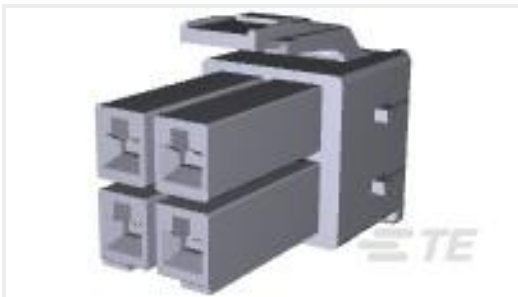
TE Part #1376476-1
2.5 SIGNAL MATE REC CONTACT



TE Part #172486-2
2P REC HSG CRIMP EI SER



TE Part #1969442-6
EP 2.5 TPA Housing, 6 Pos



TE Part #177900-1
POWER DBL LOCK PLUG HSG 4P

Documents

Product Drawings
2.5MM PITCH SIGNAL MATE CONN

English

CAD Files
Customer View Model
ENG_CVM_CVM_1-1376477-2_E.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1-1376477-2_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1376477-2_E.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

[Product Specifications](#)

[Application Specification](#)

English