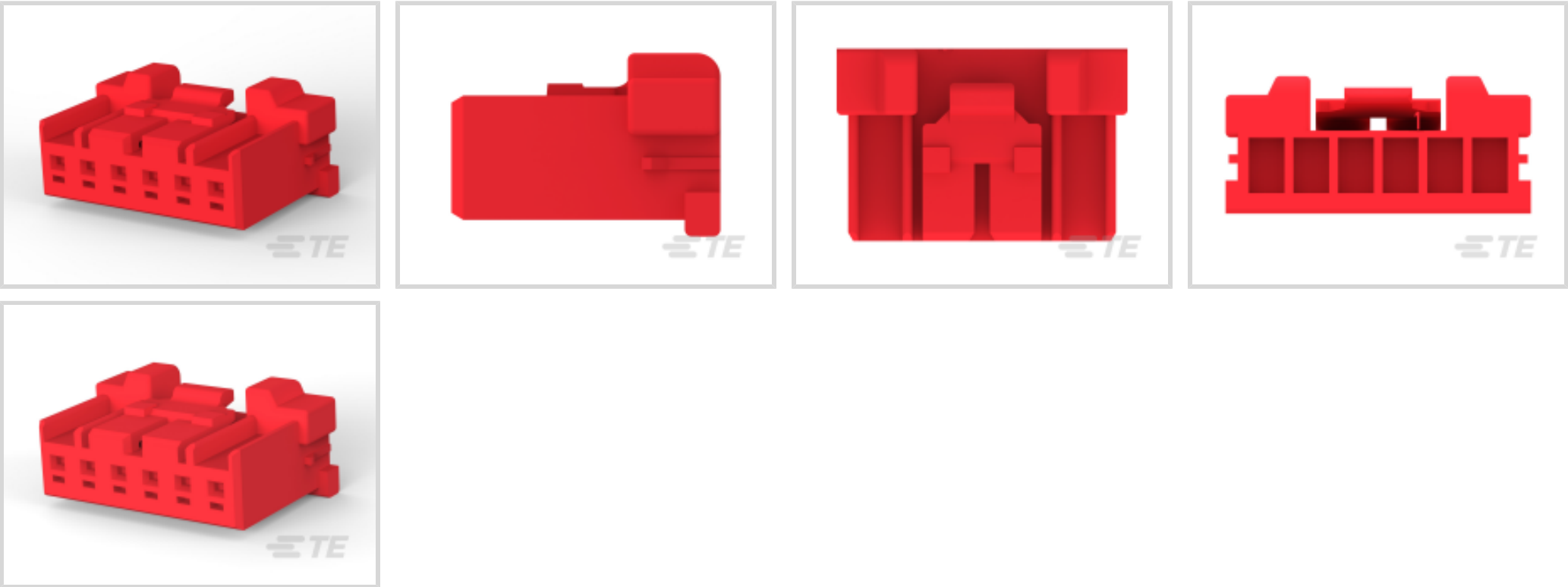




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Mating Retention Type: **Latch**
Connector System: **Wire-to-Board**
Number of Positions: **6**

Features

Product Type Features

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

Configuration Features

Number of Positions	6
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	Copper Alloy
Contact Type	Pin

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 Open
Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	Nylon 6/6 GF

Dimensions

Connector Height	7.7 mm[.3 in]
Connector Length	17.1 mm[.672 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Quantity	400
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: 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 # 1871843-6
GIC 2.5 HDR ASSY TIN VERSION 6P

TE Part # 1747067-6
GRACE INERTIA CONN 2.5 HDR ASSY 6P NATUR

TE Part # CAT-G7534A-R2435
Sig GRACE INERTIA Receptacle

TE Part # 5-1747072-6
GRACE INERTIA CONN 2.5 ON TAPE HDR 6P NA

TE Part # 7-1747072-6
GRACE INERTIA CONN 2.5 ON TAPE HDR 6P BL

TE Part # 1-1903388-2
GIC 2.5 W PLUG HSG 2P RED

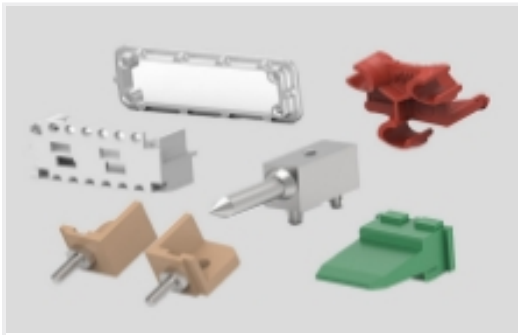
TE Part # 6-1747072-6
GRACE INERTIA CONN 2.5 ON TAPE HDR 6P RE

TE Part # 1-1747067-6
GRACE INERTIA CONN 2.5 HDR ASSY 6P RED

Also in the Series | GRACE INERTIA 2.5



Connector Contacts(6)



Connector Hardware(7)



Power Contacts(2)



Rectangular Connector Housings(96)



Rectangular Power Connectors(44)

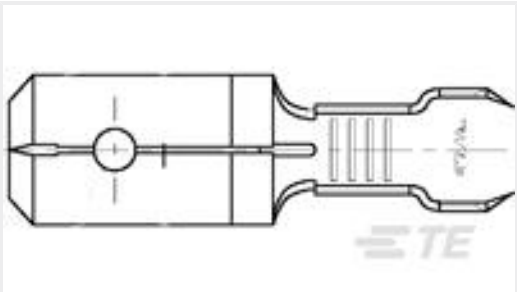


Standard Rectangular Connectors(96)



Wire-to-Board Connector Assemblies & Housings(36)

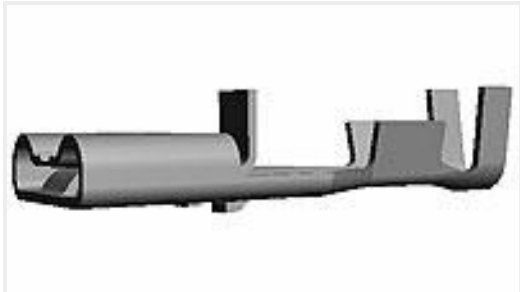
Customers Also Bought



TE Part #42474-4
250 FASTON TAB 18-14 AWG TPBR



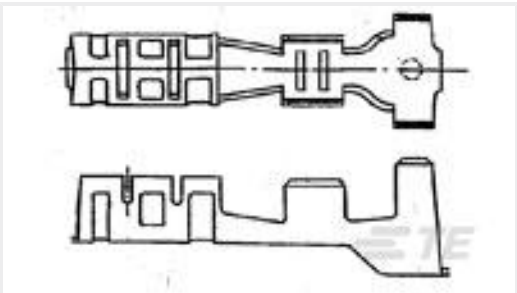
TE Part #52041-1
TERMINAL,R PG 8 1/4



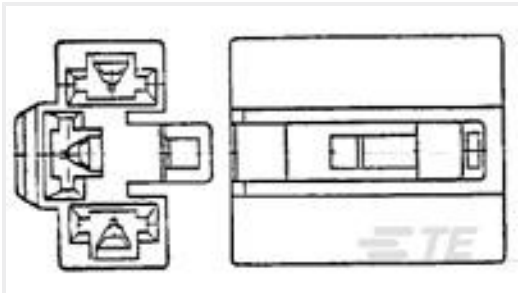
TE Part #170329-1
250 PL MKII REC. 15-10AWG PTBR



TE Part #170360-1
UNIV M-N-L PIN 22-18 AWG



TE Part #175135-1
CONTACT 22-18 AWG 0.30 X 17.0 PTKLF-5



TE Part #176774-5
FF 250 PLUG HSG 3P NYLON NAT



TE Part #179465-1
AMP POWER DBL LOCK CAP HSG 4P



TE Part #179466-4
AMP POWER DBL LOCK CAP HSG 6P



TE Part #179939-1
POWER D/LOCK PLUG HSG 4P /6.5



TE Part #917699-1
2.5 SIGNAL DBL LOCK D.L.P 3P

Documents



Product Drawings

GRACE INERTIA CONN 2.5 PLUG HSG 6P RED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1747066-6_E1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1747066-6_E1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1747066-6_E1.3d_stp.zip

English

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

Product Specifications

Application Specification

English