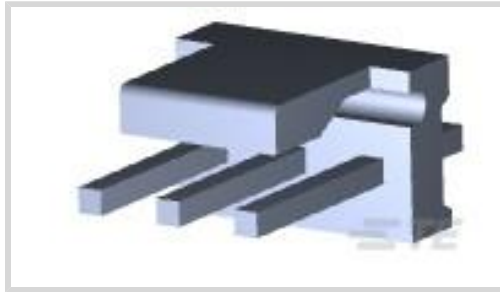




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **3**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

Header Type	Unshrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	3
PCB Mount Orientation	Vertical
Number of Power Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Mating Post Length	10.16 mm[.4 in]
PCB Contact Termination Area Plating Material Thickness	3.81 – 8.89 μm[150 – 350 μin]
Contact Layout	Inline
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel



Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	7 A
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Contact Retention Within Housing	Without
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Contact Type	Pin
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PCB Contact Termination Area Plating Material	Tin-Lead
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Contact Mating Area Plating Material Thickness	.76 μm [30 μin]
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Termination Features

Termination Post & Tail Length	3.69 mm[.145 in]
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Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Strain Relief	Without
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Mating Retention	With
------------------	------

Mating Alignment	Without
------------------	---------

PCB Mount Alignment	Without
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Panel Mount Feature	Without
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PCB Mount Retention	Without
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Mating Retention Type	Friction Lock
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Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
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Housing Color	Natural
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Housing Material	Polyester
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Dimensions

Connector Height	10.8 mm[.425 in]
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PCB Thickness (Recommended)	1.6 mm[.63 in]
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Product Length	11.89 mm[.468 in]
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Usage Conditions

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

Circuit Application	Power
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Industry Standards

CSA Rating	Certified, LR 7189
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UL Rating	Recognized
Agency/Standard	CSA, UL
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	2000
Packaging Method	Package

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

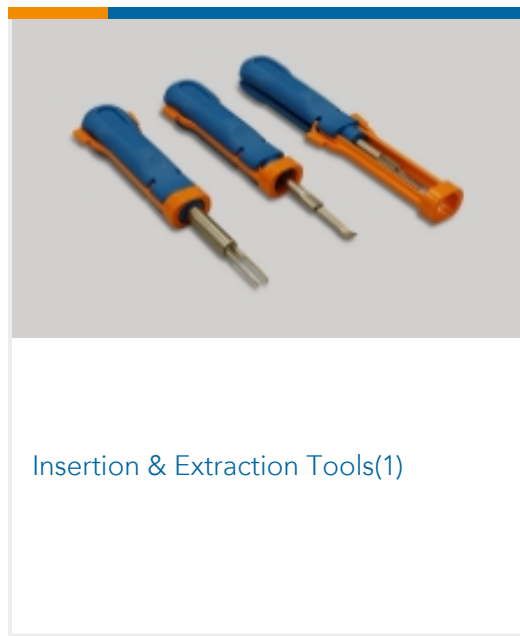
Product Compliance Disclaimer

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>

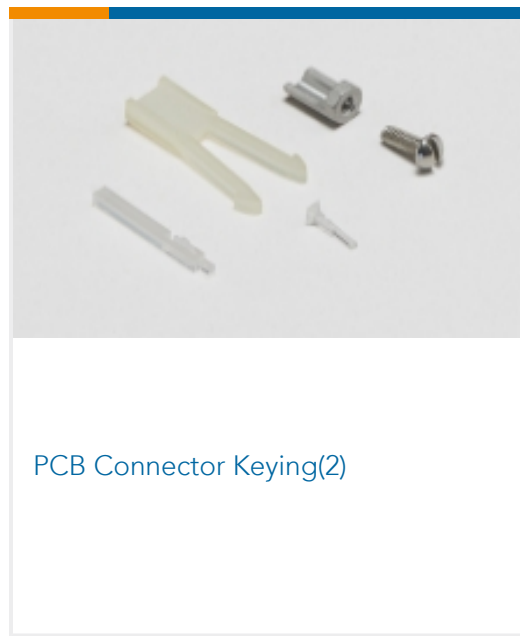
Also in the Series | [MTA 156](#)



Connector Caps & Covers(88)



Insertion & Extraction Tools(1)



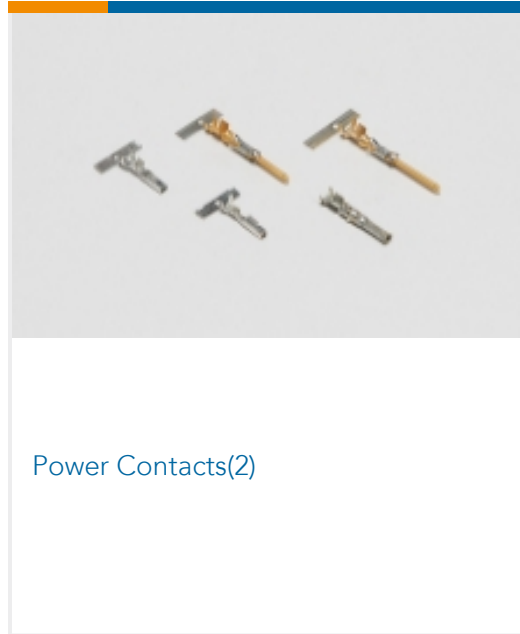
PCB Connector Keying(2)



PCB Connector Mounting(1)



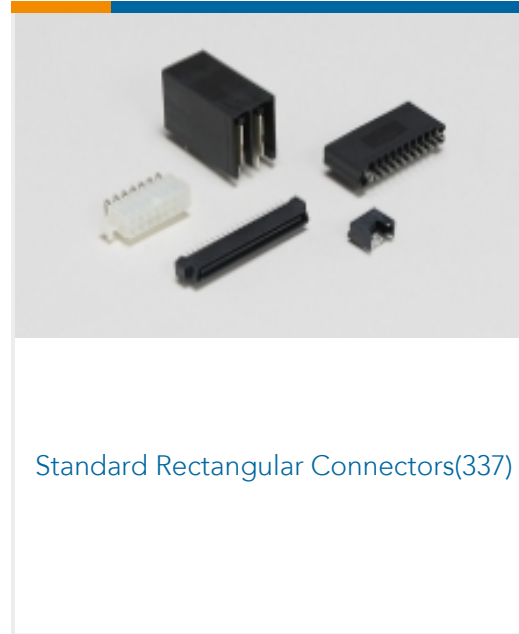
PCB Headers & Receptacles(314)



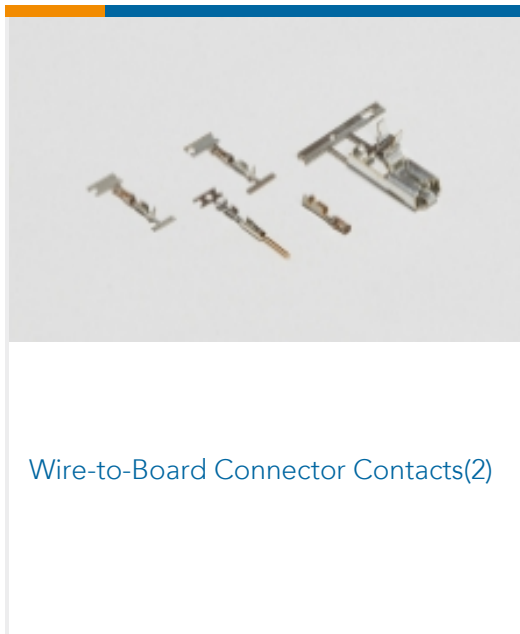
Power Contacts(2)



Rectangular Power Connectors(698)

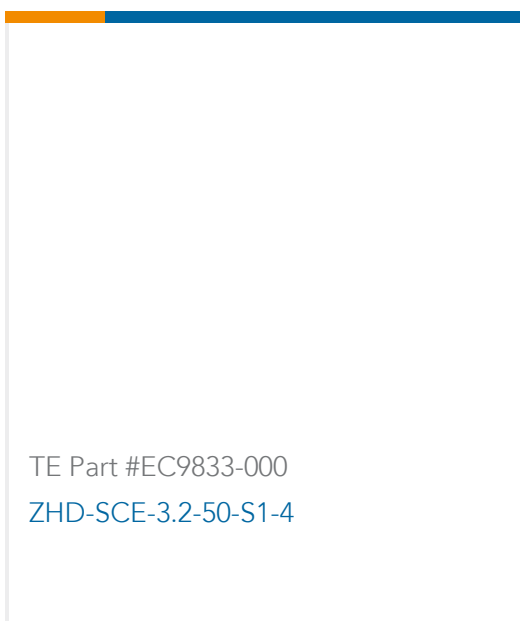


Standard Rectangular Connectors(337)

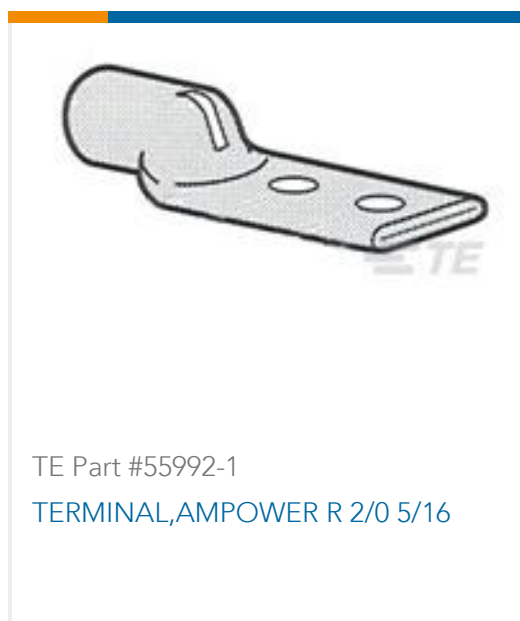


Wire-to-Board Connector Contacts(2)

Customers Also Bought



TE Part #EC9833-000
ZHD-SCE-3.2-50-S1-4



TE Part #55992-1
TERMINAL,AMPOWER R 2/0 5/16



TE Part #1-1415543-5
RTE44110



TE Part #ASA158F12390235000
623 PLUG



TE Part #ZPF000000000205378
CONTACT MALE ANG.90, CAL20,
120MM2 - FXP



TE Part #ZPF000000000205388
CONTACT FEMALE CAL.20, M12 - FXP



TE Part #ZPF000000000205373
PLUG MALE ANG.90 CAL.20 - FXP



TE Part #YZ-KC-212751A-PY00
TOOL DISMOUNTING - FXP2

Documents



Product Drawings

[03P MTA156 HDR ASSY FL ST 30AU](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_641208-3_Z.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_641208-3_Z.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_641208-3_Z.3d_stp.zip](#)

English

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Product Environmental Compliance

[TE Material Declaration](#)

English