

643130-1 ✓ ACTIVE

MTA 156

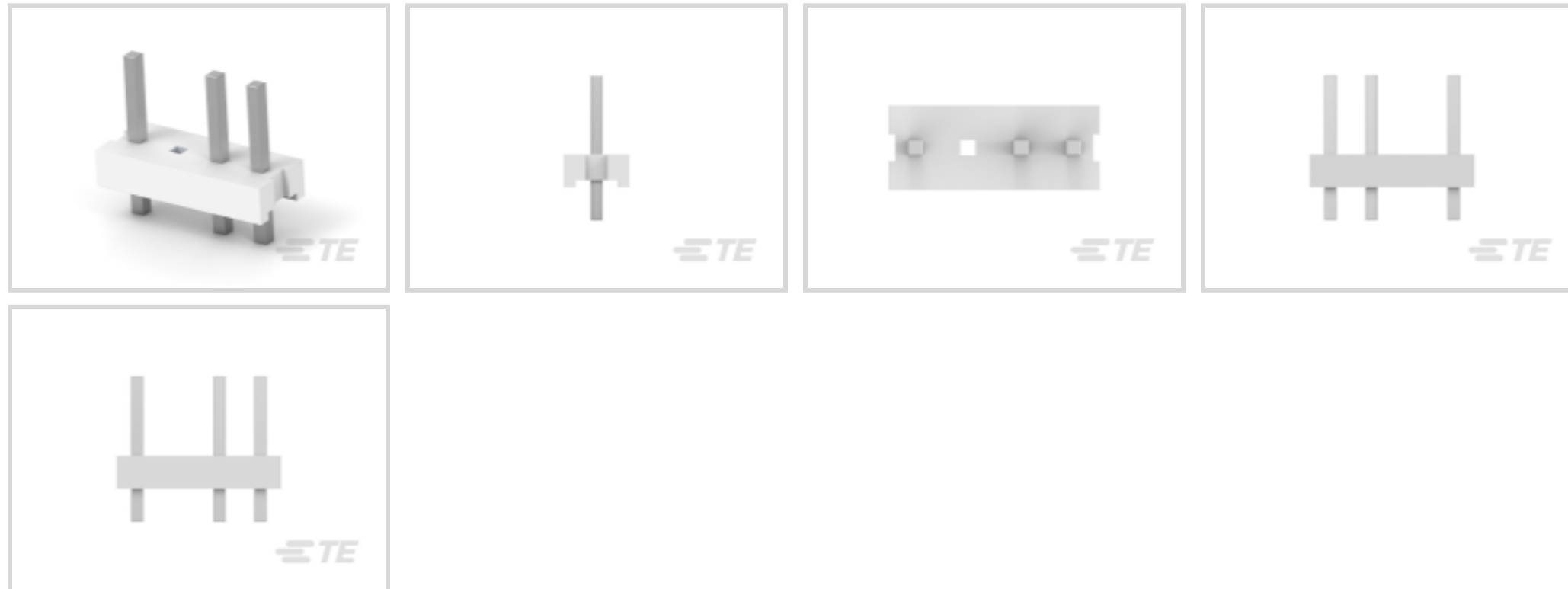
TE Internal #: 643130-1

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 3.96 mm [.156 in] Centerline, Unshrouded, Tin, Through Hole - Solder, Power, Natural, MTA 156

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **4**

Number of Rows: **1**

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

PCB Mount Orientation: **Vertical**

Features

Product Type Features

Connector System	Wire-to-Board
Header Type	Unshrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header

Configuration Features

Number of Columns	4
Number of Loaded Positions	3
Number of Positions	4
Number of Rows	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features



Primary Product Color	Natural
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Contact Features

Contact Layout	Inline
Contact Mating Area Length	10.16 mm[.4 in]
Mating Square Post Dimension	1.14 mm[.045 in]
PCB Contact Termination Area Plating Material Thickness	2.54 μ m[100 μ in]
Contact Underplating Material Thickness	1.27 μ m[50 μ in]
Contact Mating Area Plating Material Thickness	2.54 μ m[100 μ in]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	7 A

Termination Features

Square Termination Post & Tail Dimension	1.14 mm[.045 in]
Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Retention	Without
Panel Mount Feature	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

Housing Material	Polyester - GF
Centerline (Pitch)	3.96 mm[.156 in]

Dimensions



Connector Length	15.85 mm[.624 in]
Connector Height	13.33 mm[.525 in]
Connector Width	6.35 mm[.25 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

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
Agency/Standard	CSA, UL
Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	2500
Packaging Type	Package

Other

Position Locations Omitted	3
Number of Blocked Positions	1

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

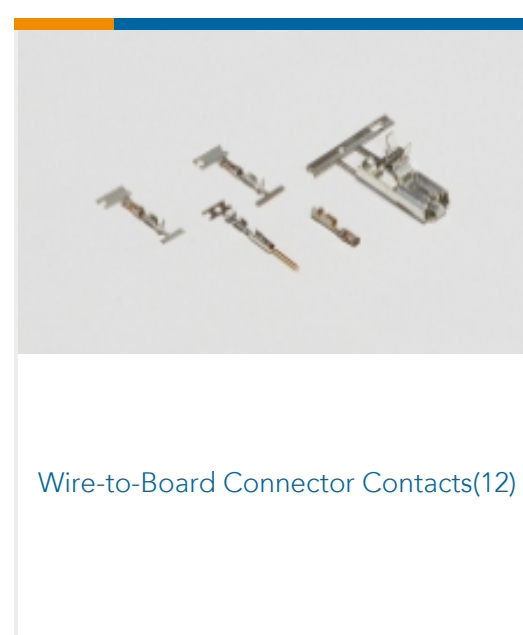
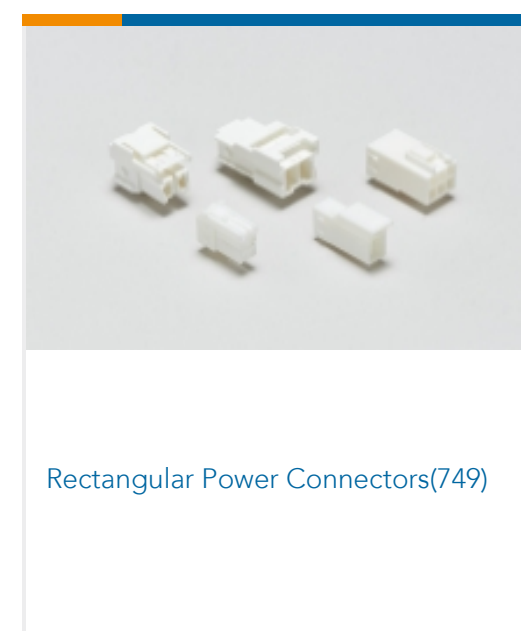
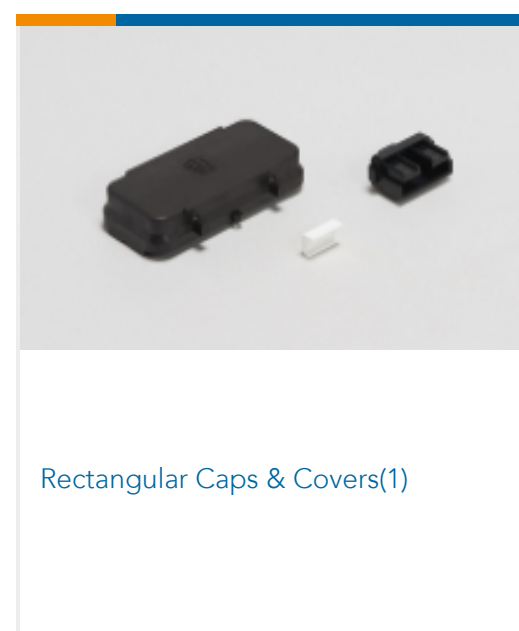
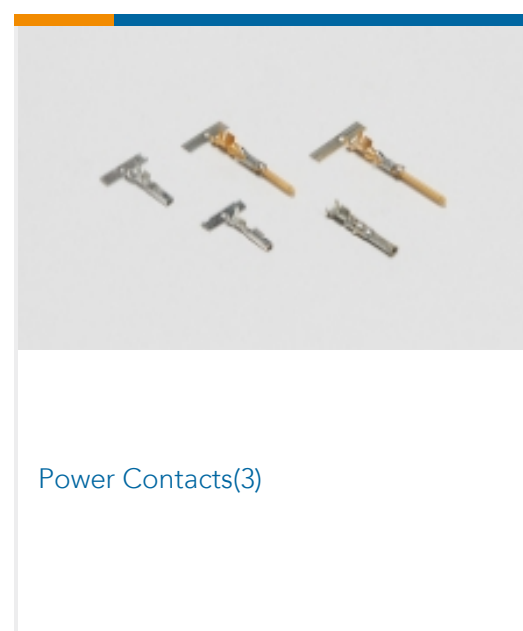
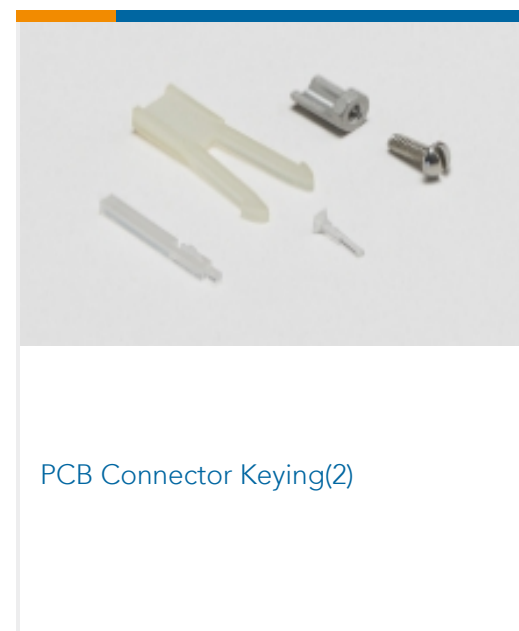
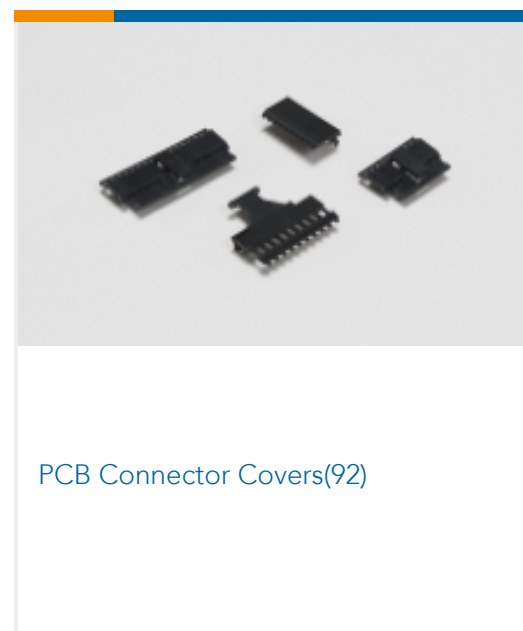
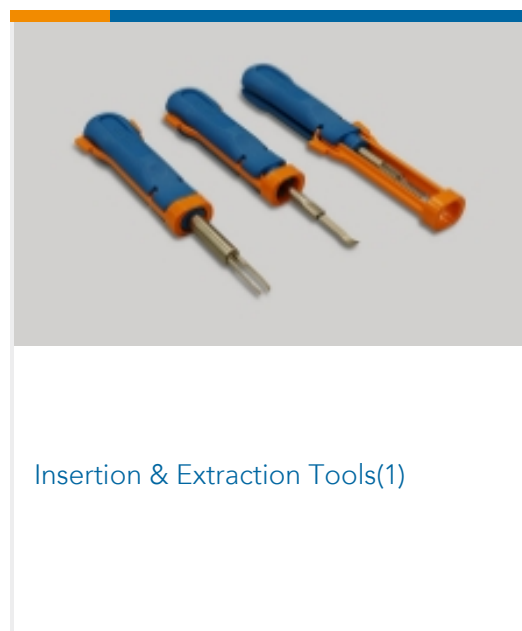
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

Compatible Parts

 <p>TE Part # CAT-103156-WBHSM Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156</p>	 <p>TE Part # CAT-103156-WBHSN Receptacle Housing: Wire-to-Board, no Mating Alignment, SL 156</p>	 <p>TE Part # 3-640433-4 04P MTA156 CONN ASSY 22AWG RED</p>	 <p>TE Part # 3-640602-4 04P MTA156 CONN ASSY 24AWG LF</p>
 <p>TE Part # 643067-4 04P MTA156 CMOLDED COVER</p>	 <p>TE Part # 3-643819-4 04P MTA156 CONN ASSY 22AWG RED</p>	 <p>TE Part # 3-643818-4 04P MTA156 CONN ASSY 20AWG YEL</p>	 <p>TE Part # 3-640429-4 04P MTA156 CONN ASSY 24AWG WHT</p>
 <p>TE Part # 3-640427-4 04P MTA156 CONN ASSY 20AWG YEL</p>	 <p>TE Part # 3-644461-4 04P MTA156 CONN ASSY 18AWG LF</p>	 <p>TE Part # 3-640600-4 04P MTA156 CONN ASSY 20AWG LF</p>	 <p>TE Part # 3-640428-4 04P MTA156 CONN ASSY 22AWG RED</p>
 <p>TE Part # 3-640426-4 04P MTA156 CONN ASSY 18AWG ORA</p>	 <p>TE Part # 3-643817-4 04P MTA156 CONN ASSY 18AWG ORA</p>	 <p>TE Part # 640551-4 04P MTA156 COVER</p>	 <p>TE Part # 640629-1 MTA156 KEYING PLUG</p>



Also in the Series | MTA 156



Documents

Product Drawings

[04P MTA156 HDR ASSY W/O#3](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_643130-1_R.2d_dxf.zip](#)

English



[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_643130-1_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_643130-1_R.3d_stp.zip](#)

English

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Agency Approvals

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English