

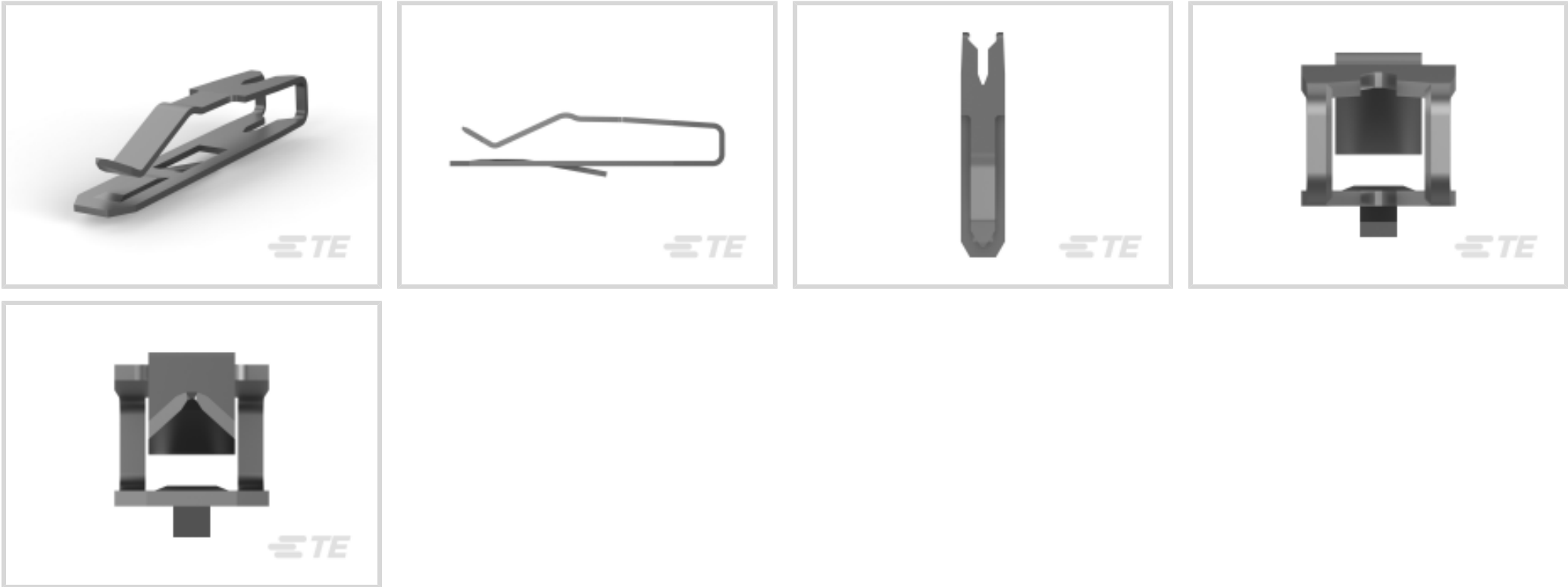


MTA 156

TE Internal #: 640631-3
Power Contacts, Contact, 600 VAC, Tin, 18 AWG Wire Size, .8 – .9 mm² Wire Size, Wire-to-Board, Wire & Cable, Crimp/IDC, Power, Receptacle, MTA 156

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Operating Voltage: **600 VAC**
Contact Mating Area Plating Material: **Tin**
Wire Size: **.8 – .9 mm²**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	600 VAC
Insulation Resistance	5000

Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	14.24 A
Contact Type	Receptacle
Contact Retention Within Housing	With
Mating Square Post Dimension	1.14 mm[.045 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	2 µm[80 µin]
Contact Mating Area Plating Material Finish	Matte



Wire Contact Termination Area Plating Thickness	2.03 µm[79.92 µin]
Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp/IDC
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	Without

Dimensions

Wire Size	.8 – .9 mm²
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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

Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

Other

Wire Type	Stranded
For Use With	MTA-156 Connectors
Comment	Used for field repair or wire gauge change.

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

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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 # 3-644465-2 02P MTA156 CONN ASSY 18AWG ORA	 TE Part # 3-640426-2 02P MTA156 CONN ASSY 18AWG ORA	 TE Part # 3-643817-2 02P MTA156 CONN ASSY 18AWG ORA	 TE Part # 3-640599-2 02P MTA156 CONN ASSY 18AWG ORA
 TE Part # 3-640431-2 02P MTA156 CONN ASSY 18AWG ORA	 TE Part # 3-640477-2 02 CIR MTA156 ASSY ON TAPE LF	 TE Part # 3-644878-2 02P MTA156 ASSY ON TAPE LF	 TE Part # 3-640472-2 02P MTA156 ASSY ON TAPE LF



TE Part # 3-640604-2
02P MTA156 CONN ASSY 18AWG LF

TE Part # 3-641302-2
02C MTA156 ASSY ON TAPE LF

TE Part # 3-644461-2
02P MTA156 CONN ASSY 18AWG LF

TE Part # 3-644469-2
02P MTA156 CONN ASSY 18AWG LF

TE Part # 58024-1
MTA 50/100/156 MANUAL ARBOR FRAME

TE Part # 58040-1
MTA 156 ARBOR FIXTURE DISCRETE RBN CABLE

TE Part # 58576-1
MTA 156 PNEUMATIC TOOL FOR BOARD FIXTURE

Also in the Series | MTA 156

Insertion & Extraction Tools(1)

PCB Connector Covers(92)

PCB Connector Keying(2)

PCB Connector Mounting(1)

PCB Headers & Receptacles(729)

Power Contacts(3)

Rectangular Caps & Covers(1)

Rectangular Power Connectors(749)

Standard Rectangular Connectors (1309)

Wire-to-Board Connector Contacts(12)

Documents



Product Drawings

MTA .156 CONTACT BRSNBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_640631-3_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_640631-3_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_640631-3_F.3d_stp.zip

English

Customer View Model

ENG_CVM_640631-3_G.3d_igs.zip

English

Customer View Model

ENG_CVM_640631-3_G.3d_stp.zip

English

Customer View Model

ENG_CVM_640631-3_G.2d_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages

MTA, CST-100 II, SL-156 and AMP Economy Power (EP) Connectors

English

Product Specifications

Application Specification

Japanese

Application Specification

English

MTA 156 Ribbon Cable Connector Assemblies (English And Spanish)

English

MTA 156 Ribbon Cable Connector Assemblies (English And Spanish)

Japanese

Product Environmental Compliance

Product Compliance



English

Product Compliance

English