



MTA 156

TE Internal #: 640632-3
Receptacle Contact, 20 AWG, 600 VAC, .5 – .6 mm² Wire, Locking
Lance Contact Retention, Tin (Sn), Crimp/IDC, Copper Alloy,
Power, MTA 156

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Tin**
Operating Voltage: **600 VAC**
Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Type	Receptacle
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	14.24 A
Mating Square Post Dimension	1.14 mm[.045 in]
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 Finish	Matte
Contact Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp/IDC
Product Terminates To	Wire & Cable

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	Without

Dimensions

Wire Size	.5 – .6 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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Packaging Features

Packaging Quantity	1000
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 3-644462-2
02P MTA156 CONN ASSY 20AWG LF

TE Part # 3-640600-2
02P MTA156 CONN ASSY 20AWG LF

TE Part # 3-640427-2
02P MTA156 CONN ASSY 20AWG YEL

TE Part # 3-644466-2
02P MTA156 CONN ASSY 20AWG YEL

TE Part # 3-640605-2
02P MTA156 CONN ASSY 20AWG LF

TE Part # 3-643818-2
02P MTA156 CONN ASSY 20AWG YEL

TE Part # 3-640432-2
02P MTA156 CONN ASSY 20AWG YEL

Also in the Series | MTA 156

Connector Contacts(4)

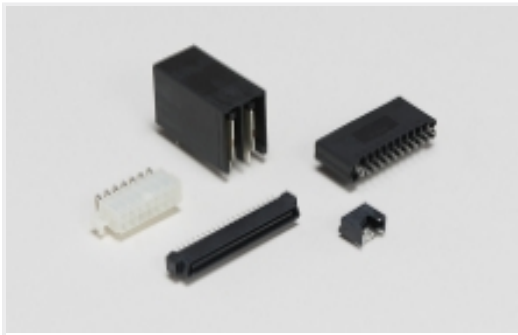
Connector Hardware(2)

PCB Headers & Receptacles(677)

Power Contacts(3)



Rectangular Power Connectors(1178)



Standard Rectangular Connectors(667)



Wire-to-Board Connector Assemblies & Housings(594)

Customers Also Bought



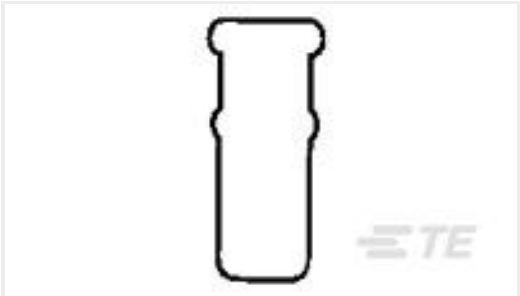
TE Part #81543-23
CONT SOC ASSY



TE Part #650137-000
D-436-0097



TE Part #53942-1
TERMINAL,PIDG R 16-14 10



TE Part #324484
SPARE WIRE CAP,NAT .048-.075 INS.



TE Part #1825232-1
SLIDE SWITCH,SPDT,Right Angle



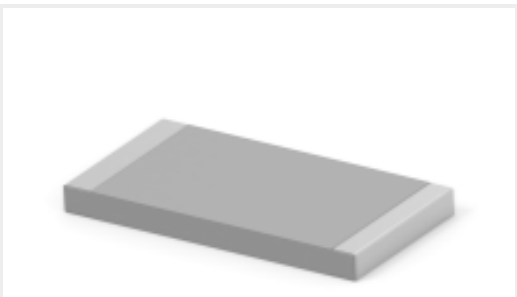
TE Part #3-1825910-5
FSM18JH=6MM TACT SWITCH, HIGH TEMP



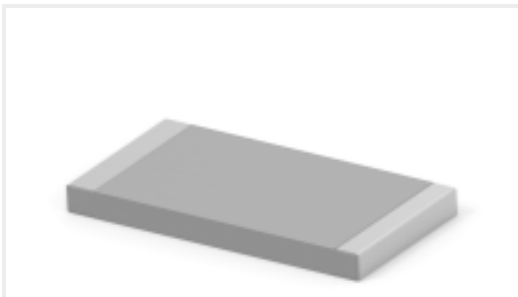
TE Part #5-2176328-8
CRGP 1206 560K 1%



TE Part #1-2176330-4
CRGP 2010 120R 1%



TE Part #2176331-5
CRGP 2512 22R 1%



TE Part #1-2176331-4
CRGP 2512 120R 1%

Documents

Product Drawings
MTA .156 CONTACT BRSNBR
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_640632-3_F.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_640632-3_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_640632-3_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_640632-3_G.3d_igs.zip](#)

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Customer View Model

[ENG_CVM_640632-3_G.2d_dxf.zip](#)

English

[3D PDF](#)

English

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

[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