640632-3 ✔ ACTIVE

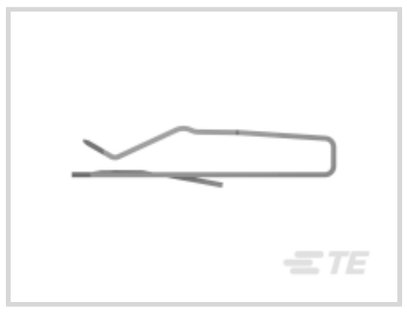
MTA 156

TE Internal #: 640632-3

Tin (Sn), Receptacle Contact, 20 AWG, 600 VAC, .5 – .6 mm² Wire, Locking Lance Contact Retention, 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

Electrical Characteristics

Operating Voltage	600 VAC

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

Usage Conditions

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

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Product Compliance

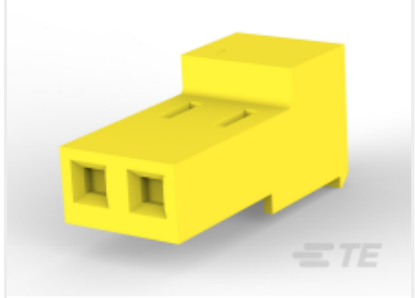
For compliance documentation, visit the product page on TE.com>

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

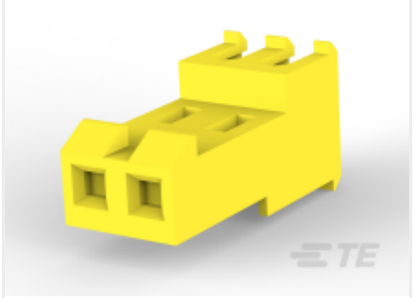
Compatible Parts



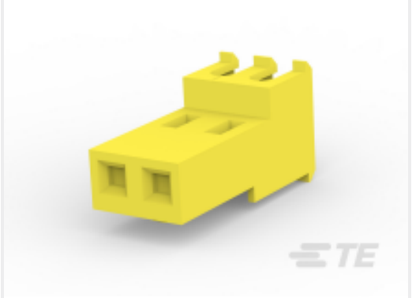
TE Part # 3-640432-2
02P MTA156 CONN ASSY 20AWG YEL



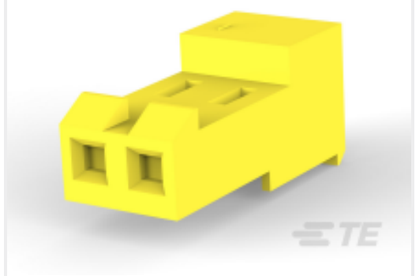
TE Part # 3-644462-2
02P MTA156 CONN ASSY 20AWG LF



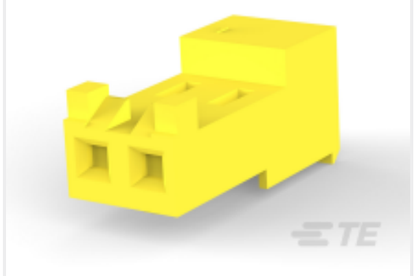
TE Part # 3-640600-2
02P MTA156 CONN ASSY 20AWG LF



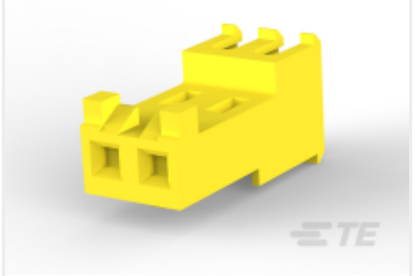
TE Part # 3-640605-2
02P MTA156 CONN ASSY 20AWG LF



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



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



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

Also in the Series | MTA 156



Connector Caps & Covers(89)



Connector Contacts(4)



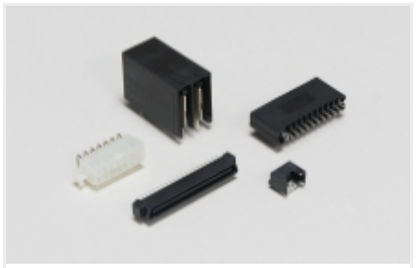
Connector Hardware(2)



Power Contacts(3)



Rectangular Power Connectors(1178)



Standard Rectangular Connectors(667)



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

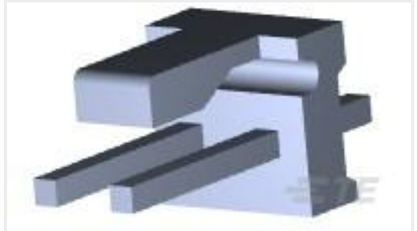
Customers Also Bought



TE Part #81543-23
CONT SOC ASSY



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



TE Part #640445-2
02P MTA156 HDR ASSY FL/STR SN



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



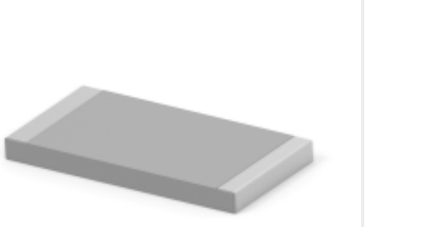
TE Part #3-1825910-5
FSM18JH=6MM TACT SWITCH, HIGH TEMP



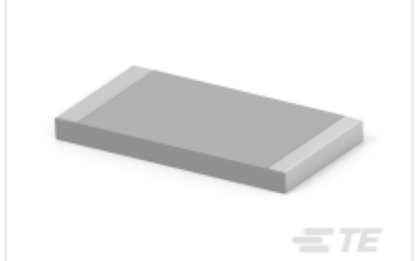
TE Part #5-2176328-8
CRGP 1206 560K 1%



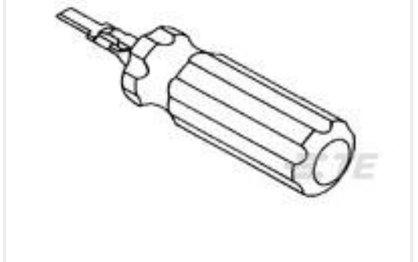
TE Part #1-2176330-4
CRGP 2010 120R 1%



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



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



TE Part #91019-3
EXTRACTION TOOL

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

English

Customer View Model

ENG_CVM_640632-3_G.3d_stp.zip

English

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