4-641435-2 ✔ ACTIVE

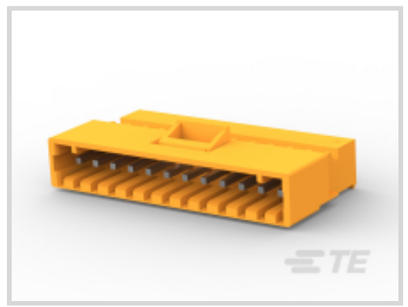
MTA 156

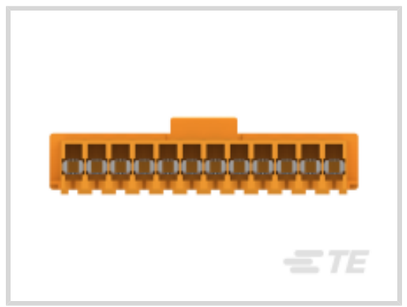
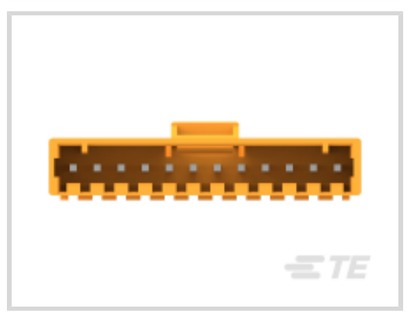
TE Internal #: 4-641435-2

Rectangular Power Connectors, Connector Assembly, Plug, Wire-to-Wire, 12 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, UL 94V-2, MTA 156

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Plug**

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

Number of Positions: **12**

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

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Power Positions	12
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Cable Exit Angle	90°

Contact Features

Contact Layout	Inline
Contact Underplating Material Thickness	50 µm[1.27 µin]
Wire Contact Termination Area Plating Thickness	2.03 µm[80 µin]
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	7 A
Contact Retention Within Housing	With
Contact Type	Pin
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.03 µm[80 µin]

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Strain Relief	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
Contact Retention Type Within Housing	Locking Lance
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Wire & Cable IDC Installation Type	Closed End
Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Orange
Housing Material	Nylon

Dimensions

Connector Height	12.37 mm
Product Length	51.51 mm
Compatible Insulation Diameter Range	2.41 mm[.095 in]
Wire Size	.8 - .9 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	600
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

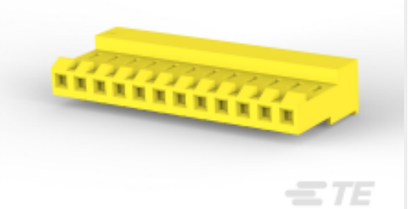
Compatible Parts



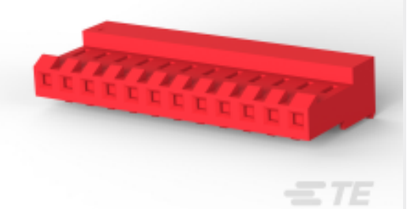
TE Part # 1-2132189-2
12P SL156 HSG W/LCK RMP, TABS & RTNR



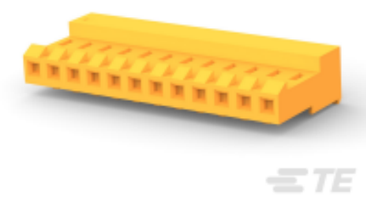
TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME



TE Part # 4-640427-2
12P MTA156 CONN ASSY 20AWG YEL



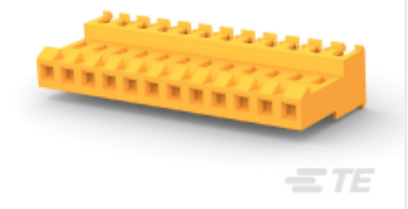
TE Part # 4-640428-2
12P MTA156 CONN ASSY 22AWG RED



TE Part # 4-640426-2
12P MTA156 CONN ASSY 18AWG ORA



TE Part # 1-640551-2
12P MTA156 COVER



TE Part # 4-640599-2
12P MTA156 CONN ASSY 18AWG ORA



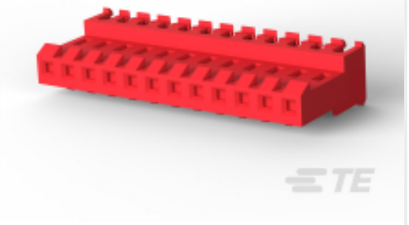
TE Part # 1-643067-2
12P MTA156 MOLDED COVER



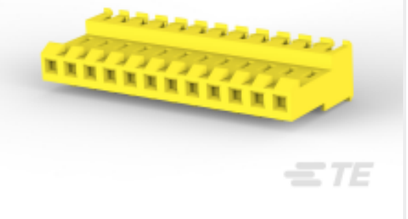
TE Part # 1-643071-2
12P MTA156 FD-THRU COVER



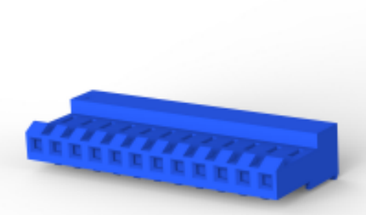
TE Part # 4-640429-2
12P MTA156 CONN ASSY 24AWG WHT



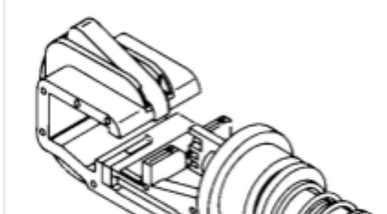
TE Part # 4-640601-2
12P MTA156 CONN ASSY 22AWG LF



TE Part # 4-640600-2
12P MTA156 CONN ASSY 20AWG LF



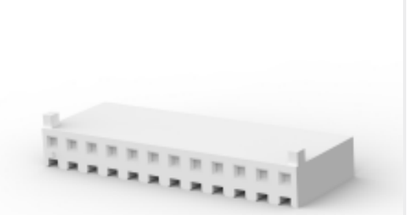
TE Part # 4-640430-2
12P MTA156 CONN ASSY 26AWG BLU



TE Part # 58082-1
MTA 156 CRIMP HEAD PRODUCTION POSTED



TE Part # 1-640643-2
12P MTA156 COVER F/T



TE Part # 1-770996-2
12P SL 156 HSG W/TABS W/O LR



TE Part # 4-640602-2
12P MTA156 CONN ASSY 24AWG LF



TE Part # 4-644860-2
12P MTA156 CONN ASSY 18AWG LF

Also in the Series | MTA 156



Connector Caps & Covers(89)



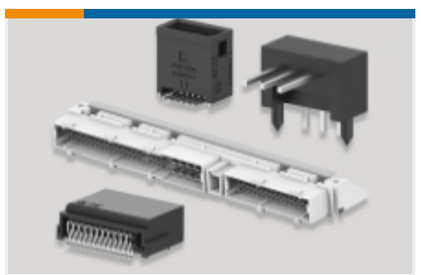
Connector Contacts(4)



Connector Hardware(2)



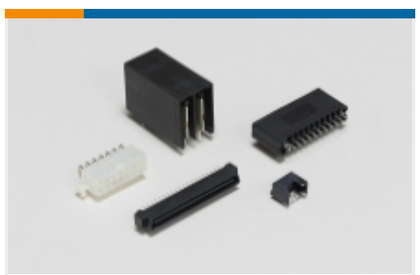
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(314)



Rectangular Power Connectors(691)



Standard Rectangular Connectors(336)

Customers Also Bought



TE Part # 1609133-3
6ESRM-3=F6920



TE Part # 4-1393211-0
T92P11A22-120



TE Part # 5227222-1
VERT JK W/MTG PINS, BNC PCB



TE Part # 3-647166-3
3P MTA100 HDR ASSY,SM,FL,LF



TE Part # 1-1437624-1
PKA50B1/8=KNOB PLASTIC 1/8 SHA



TE Part # 4-640428-2
12P MTA156 CONN ASSY 22AWG RED



TE Part # 1-480278-0
12P CMNL CAP HSG P/M NATL



TE Part # 36467
SOLIS R 22-16 COMM 22-18 MIL 4



TE Part # 5-1437624-1
PKES60B1/8=KNOB



TE Part # 58246-1
MTA 100 CRIMP HEAD REPAIR
DISCRETE

Documents

Product Drawings

12P MTA156 CONN ASSY ORNG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-641435-2_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-641435-2_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-641435-2_K.3d_stp.zip

English

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Product Specifications

Product Specification

English

Product Specification

English

Agency Approvals

Agency Approval Document

English