3-641435-6 ✔ ACTIVE

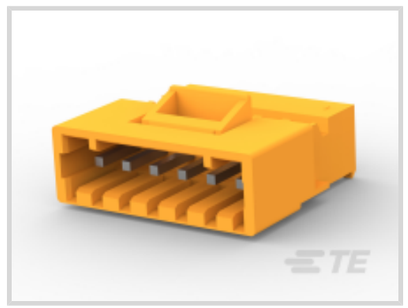
MTA 156

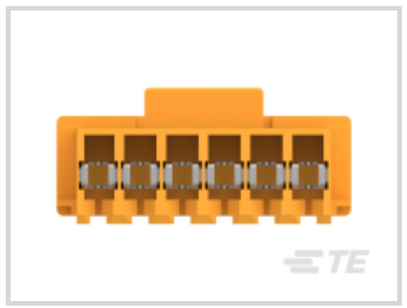
TE Internal #: 3-641435-6

Connector Assembly, Plug, Wire-to-Wire, 6 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, UL 94V-2, MTA 156, Rectangular Power Connectors

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors




EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Plug**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	6
Number of Power Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Cable Exit Angle	90°

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	50 µm[1.27 µin]
Contact Layout	Inline
Contact Mating Area Plating Material	Tin
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	2.03 µm[80 µin]
Contact Mating Area Plating Material Finish	Matte
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
Panel Mount Feature	Without
Mating Retention Type	Latch
PCB Mount Retention	Without
Contact Retention Type Within Housing	Locking Lance
Mating Retention	With
Mating Alignment Type	Polarization
Mating Alignment	With
PCB Mount Alignment	Without
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

Compatible Insulation Diameter Range	2.41 mm[.095 in]
Product Length	27.74 mm
Connector Height	12.37 mm
Wire Size	.8 – .9 mm^2

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

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

Packaging Features

Packaging Quantity	1100
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # CAT-103156-WBHSM
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



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



TE Part # 3-640429-6
06P MTA156 CONN ASSY 24AWG WHT



TE Part # 643067-6
06P MTA156 MOLDED COVER



TE Part # 640551-6
06P MTA156 COVER



TE Part # 3-640428-6
06P MTA156 CONN ASSY 22AWG RED



TE Part # 3-640599-6
06P MTA156 CONN ASSY 18AWG ORA



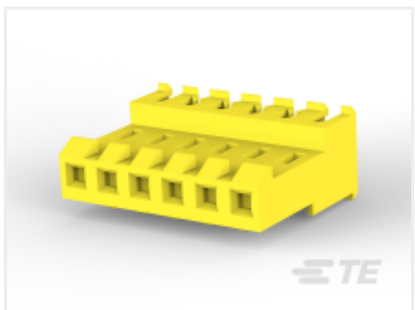
TE Part # 3-640427-6
06P MTA156 CONN ASSY 20AWG YEL



TE Part # 640643-6
06P MTA156 COVER F/T



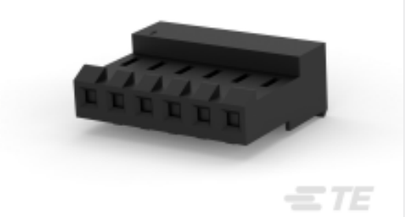
TE Part # 3-640601-6
06P MTA156 CONN ASSY 22AWG LF



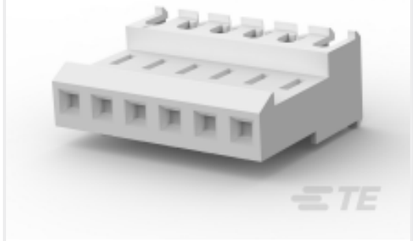
TE Part # 3-640600-6
06P MTA156 CONN ASSY 20AWG LF



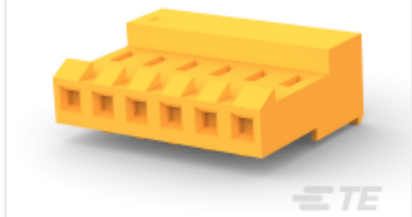
TE Part # 643071-6
06P MTA156 FD-THRU COVER



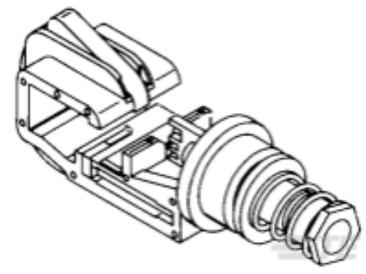
TE Part # 3-644860-6
06P MTA156 CONN ASSY 18AWG LF



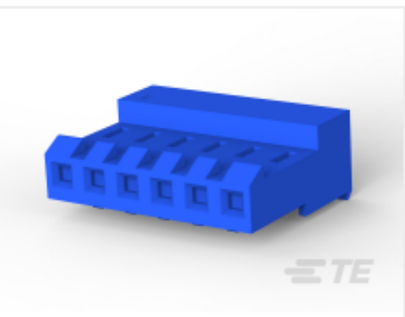
TE Part # 3-640602-6
06P MTA156 CONN ASSY 24AWG LF



TE Part # 3-640426-6
06P MTA156 CONN ASSY 18AWG ORA



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



TE Part # 3-640430-6
06P MTA156 CONN ASSY 26AWG BLU

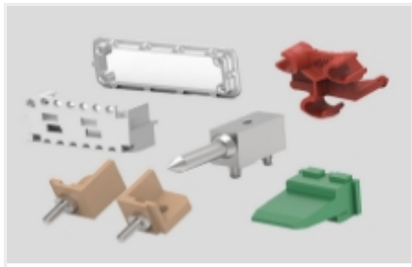
Also in the Series | MTA 156



Connector Caps & Covers(89)



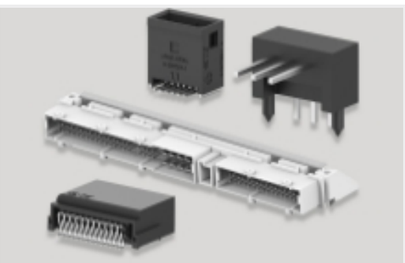
Connector Contacts(4)



Connector Hardware(2)



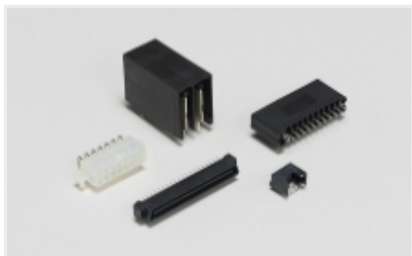
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(677)



Rectangular Power Connectors(331)

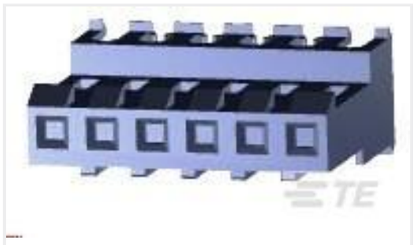


Standard Rectangular Connectors(336)

Customers Also Bought



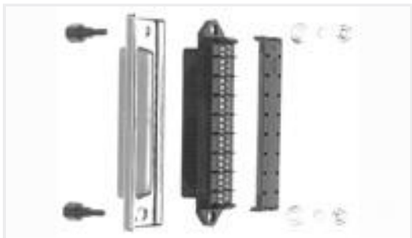
TE Part #6609027-9
5EK1=F7089 S0



TE Part #3-640599-6
06P MTA156 CONN ASSY 18AWG ORA



TE Part #2132781-6
06P EP-II HOUSING, NATURAL



TE Part #5553636-2
KIT,HDW,EMI,050/085,STD/METRIC



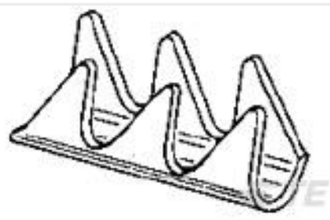
TE Part #5553636-3
KIT,HDW,EMI,050/085,STD/METRIC



TE Part #8-1393211-6
T92S11A22-24



TE Part #207893-1
CONTACT PIN ASSY.



TE Part #925856-1
WIRE PIN 15.5-13.5 AWG .01 PTPB



TE Part #2154828-3
Cable Assembly EPII 4 Pos



TE Part #554349-1
EMI RCPT ASSY, 24 POS, SHLD

Documents

Product Drawings

06P MTA156 CONN ASSY ORNG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-641435-6_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-641435-6_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-641435-6_K.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English