3-644754-2 ✔ ACTIVE

MTA 156

TE Internal #: 3-644754-2

Header, Plug, Wire-to-Board, 2 Position, 3.96 mm [.156 in] Centerline, Printed Circuit Board, UL 94V-0, MTA 156, Rectangular Power Connectors

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors







Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **2**

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

Features

Product Type Features

Header Type	Partially Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	2
PCB Mount Orientation	Right Angle
Number of Power Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Mating Post Length	10.16 mm[.4 in]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Layout	Inline
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	Without
Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	3.81 – 8.8 µm[150 – 350 µin]

Termination Features

Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Strain Relief	Without
Mating Retention	With
Mating Alignment	Without
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Friction Lock
Connector Mounting Type	Board Mount

Housing Features

Right Angle Bending Side	Front
Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Natural
Housing Material	Thermoplastic Polyester

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Product Length	7.92 mm[.312 in]

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-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	500
Packaging Method	Box

Product Compliance

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

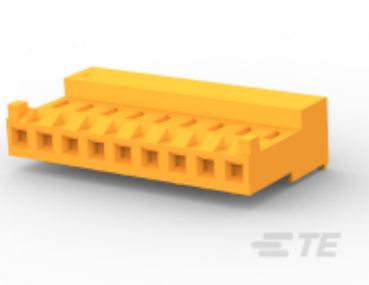
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

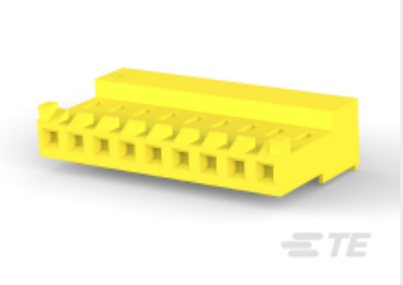
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 3-643817-9
09P MTA156 CONN ASSY 18AWG LF



TE Part # 3-643818-9
09P MTA156 CONN ASSY 20AWG YEL



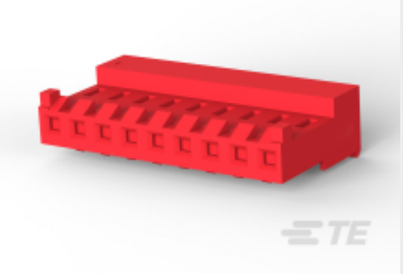
TE Part # 640643-2
02P MTA156 COVER F/T



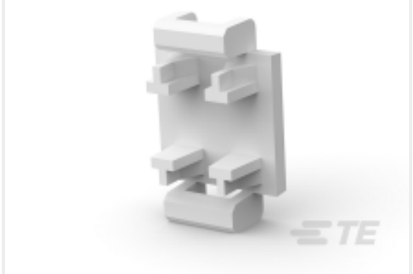
TE Part # 643067-2
02P MTA156 MOLDED COVER



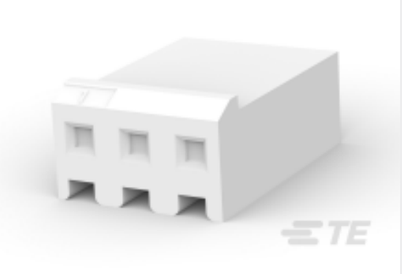
TE Part # 640551-2
02P MTA156 COVER



TE Part # 3-643819-9
09P MTA156 CONN ASSY 22AWG RED



TE Part # 643071-2
02P MTA156 FD-THRU COVER



TE Part # CAT-103156-WBHSM
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



TE Part # 3-643820-9
09P MTA156 CONN ASSY 24AWG LF



TE Part # 641533-1
02P MTA156 CONN HSG,END CAP



TE Part # 3-644755-2
02P MTA156 HDR ASSY SQ RARB F/L

Also in the Series | MTA 156



Connector Caps & Covers(89)



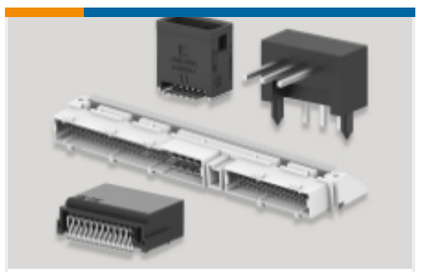
Connector Contacts(4)



Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(317)



Rectangular Power Connectors(691)



Standard Rectangular Connectors(336)

Customers Also Bought



TE Part #6-2176070-7
3521 5K6 1% 2W



TE Part #2-1761603-7
IDC LOW PRO HDR 20P VERT BLUE



TE Part #5556591-1
MJ,LPF,R/A,8P/8C,SHLD,KEYEDP



TE Part #1977223-6
FSM2JSMAASTR=6MM TACT SWITCH,



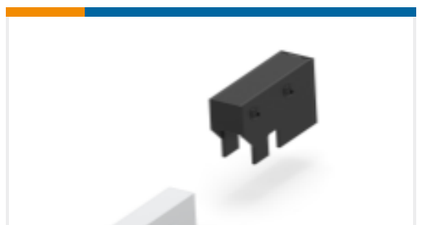
TE Part #3-1437565-0
FSM2JSMATR=ON T/R



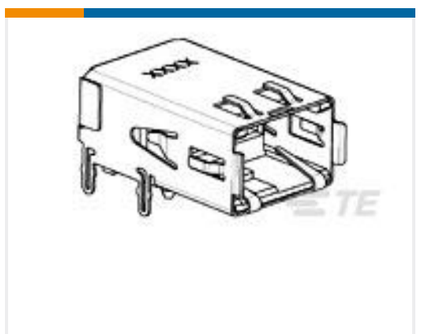
TE Part #8-1614882-2
CPF 0603 390K 0.1% 25PPM 5K RL



TE Part #5-532955-6
36 MODII 2PC CE RCPT ASSY, RoHS



TE Part #2018280-1
KIT, SEATING TOOL, SFP+2x1



TE Part #1761072-1
RECPT,HSSDC2,FIBRE,TRAY PKG

Documents

Product Drawings

02P MTA156 HDR ASSY SQ R/A F/L

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-644754-2_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-644754-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-644754-2_C.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1969656-1 CPF0402B37K4E1 RH73H2A40MKTN TE50BR39J U5254-000005-030PA 175977-2 141991-2 SBCHE64R7K 1743455-2 2-292161-3 2310537-1 3-1393225-0 936348-1 ROX05SJ18R SBCHE154R7K 1-794222-0 917696-1 MPT100C18RF 1-962915-1 1393431-1 2377783-2 2380312-2 3430B2F51RTDF 650075-000 CRGCQ2010J3K3 2005330-1 3631B101LL 1903112-2 2834055-1 SMW73R0JT