3-641119-2 ✔ ACTIVE

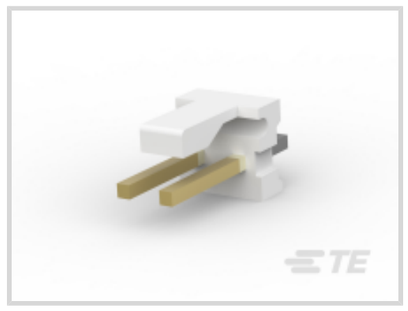
MTA 156

TE Internal #: 3-641119-2

PCB Mount Header, Vertical, Wire-to-Board, 2 Position, 3.96 mm [.156 in] Centerline, Partially Shrouded, Gold, Through Hole - Solder, Power, MTA 156

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Assembly Type: **PCB Mount Header**

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

Number of Positions: **2**

Number of Rows: **1**

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

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Power Positions	2
Number of Columns	2
Number of Loaded Positions	2
Connector Contact Load Condition	Fully Loaded
Number of Positions	2
Number of Rows	1

PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Mating Area Length	10.16 mm[.4 in]
Contact Size	1.14mm
Mating Square Post Dimension	1.14 mm[.045 in]
PCB Contact Termination Area Plating Material Thickness	3.81 – 8.89 µm[150 – 350 µin]
Contact Layout	Inline
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Type	Tab
Contact Current Rating (Max)	14.24 A

Termination Features

Square Termination Post & Tail Dimension	1.14 mm[.045 in]
Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

PCB Mount Retention	Without

Housing Features

Mating Entry Location	Top
Housing Material	Thermoplastic Polyester - Glass-Filled
Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

Connector Length	7.92 mm[.312 in]
Connector Height	10.79 mm[.425 in]
Connector Width	7.62 mm[.3 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

UL Rating	Recognized
Glow Wire Rating	Standard Part - Not Glow Wire
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1250
Packaging Method	Package

Product Compliance

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

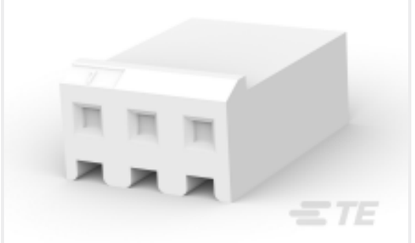
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241)

	Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

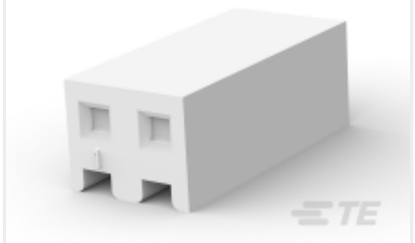
Product Compliance Disclaimer

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



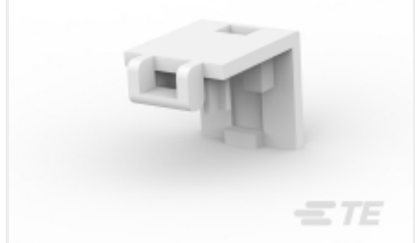
TE Part # CAT-103156-WBHSM
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



TE Part # 640251-2
02P SL156 HSG W/O RAMP NATL



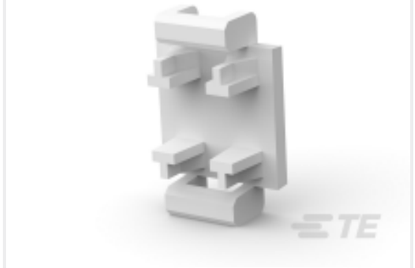
TE Part # 640643-2
02P MTA156 COVER F/T



TE Part # 643067-2
02P MTA156 MOLDED COVER



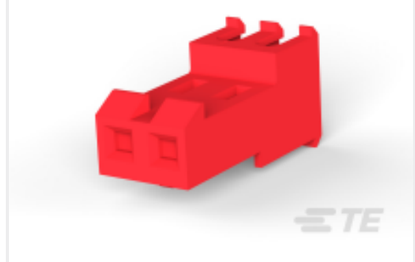
TE Part # 640551-2
02P MTA156 COVER



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



TE Part # 3-644284-2
02P MTA156 ASSY 18AWG ORA LF



TE Part # 3-641170-2
02P MTA156 ASSY 22AWG RED LF



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



TE Part # 3-641148-2
02P MTA156 ASSY 18AWG ORA LF



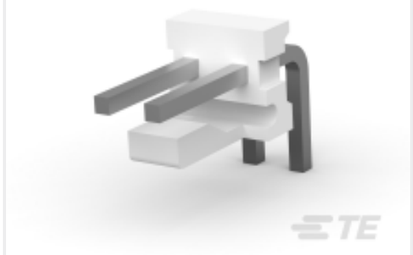
TE Part # 3-641150-2
02P MTA156 ASSY 22AWG RED LF



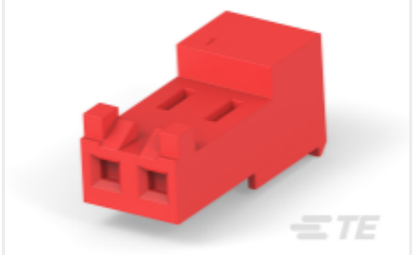
TE Part # 3-641151-2
02P MTA156 ASSY 24AWG WHT LF



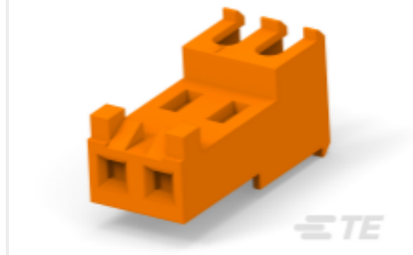
TE Part # 3-641168-2
02P MTA156 ASSY 18AWG ORA LF



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



TE Part # 3-647478-2
02P MTA156 ASSY 22AWG RED LF



TE Part # 3-647479-2
02P MTA156 CONN ASSY 18AWG ORA

Also in the Series | MTA 156



Connector Caps & Covers(89)



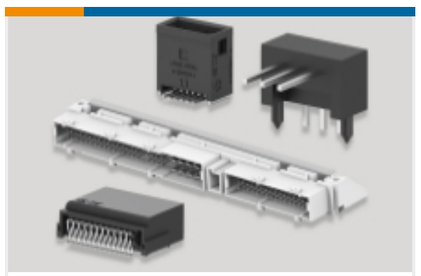
Connector Contacts(4)



Connector Hardware(2)



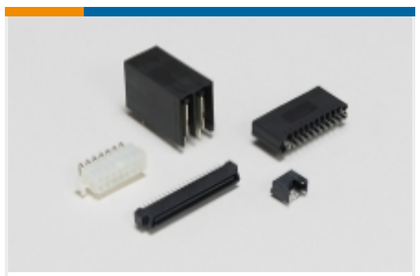
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(677)



Rectangular Power Connectors(331)



Standard Rectangular Connectors(336)

Customers Also Bought



TE Part #5747150-9
D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm



TE Part #1-5747871-3
09 PLUG SP/FMS SCRLK



TE Part #5749070-7
68 50SR VERT RCPT ASSY



TE Part #2-1761603-5
IDC LOW PRO HDR 14P VERT BLUE



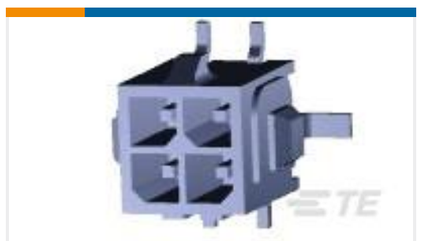
TE Part #2-2013022-1
EMBOSS TAPE DDR3 204P 4H STD



TE Part #3-1761603-5
IDC LOW PRO HDR 50P VERT BLUE



TE Part #1-2373376-2
12P,2MM,SHRD HDR,DRVT,SMD,0.1 AU,TB



TE Part #3-794638-4
04P MICRO MNL ASSY,VRT,SMT,LF



TE Part #294652-E
SRCP 2,54 8 M 1 SMD 137 E1 168 * GU-H *

Documents

Product Drawings

02P MTA156 HDR ASSY FL/ST LF

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-641119-2_AF.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-641119-2_AF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-641119-2_AF.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English

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Global Electronic Components Distributor

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

TE Connectivity:

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