1-640389-4 ✔ ACTIVE

MTA 156

TE Internal #: 1-640389-4

PCB Mount Header, Right Angle, Wire-to-Board, 14 Position, 3.96 mm [.156 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder, MTA 156

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Connectors > PCB Connectors > PCB Headers & Receptacles





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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **14**

Number of Rows: **1**

Features

Electrical Characteristics

Operating Voltage	600 VAC

Dimensions

Connector Width	10.79 mm[.425 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	7.62 mm[.3 in]
Connector Length	55.47 mm[2.184 in]

Packaging Features

Packaging Quantity	250
Packaging Method	Package

Industry Standards

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

UL Flammability Rating	UL 94V-0

Usage Conditions

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

Mechanical Attachment

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

Termination Features

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

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Size	1.14mm
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Mating Square Post Dimension	1.14 mm[.045 in]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Shape & Form	Square
Contact Layout	Inline
Contact Mating Area Length	10.16 mm[.4 in]
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
Contact Type	Tab
Contact Current Rating (Max)	14.24 A

Housing Features

Mating Entry Location	Side
Housing Material	Thermoplastic Polyester - Glass-Filled
Right Angle Bending Side	Front
Centerline (Pitch)	3.96 mm[.156 in]

Configuration Features

Number of Columns	14
Number of Loaded Positions	14
Number of Power Positions	14
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	14
Number of Rows	1

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

Body Features

Primary Product Color	Natural

Operation/Application

Circuit Application	Power

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

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

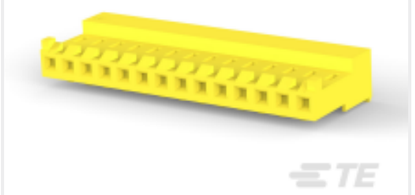
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant

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

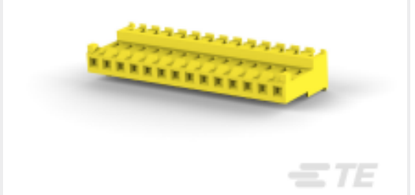
Product Compliance Disclaimer

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 # 4-643818-4
14P MTA156 CONN ASSY 20AWG YEL



TE Part # 4-644466-4
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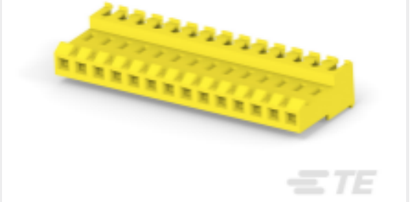
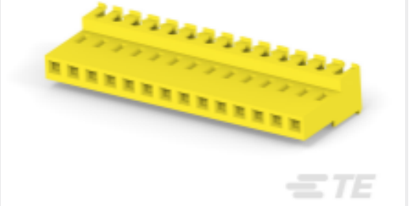
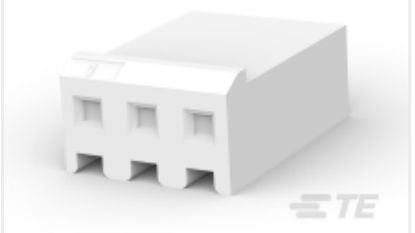


TE Part # 4-640600-4
14P MTA156 CONN ASSY 20AWG LF



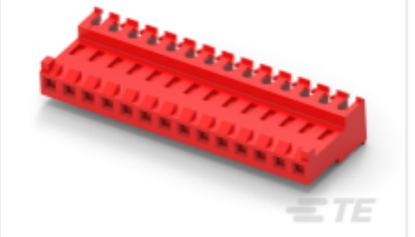
TE Part # 4-640605-4
14P MTA156 CONN ASSY 20AWG LF



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

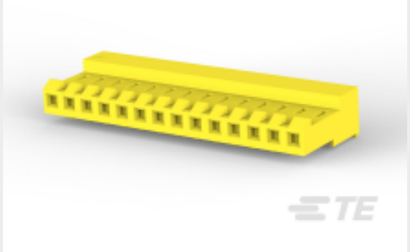
TE Part # 1-640643-4
14P MTA156 COVER F/T

TE Part # 4-640602-4
14P MTA156 CONN ASSY 24AWG LF

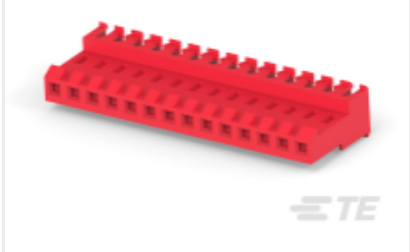


TE Part # 4-644467-4
14P MTA156 CONN ASSY 22AWG LF

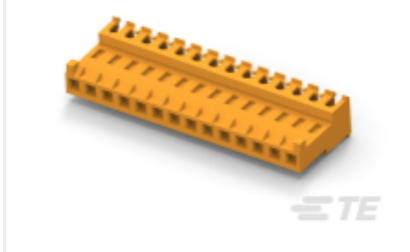
TE Part # 1-640551-4
14P MTA156 COVER



TE Part # 4-640427-4
14P MTA156 CONN ASSY 20AWG YEL



TE Part # 4-640601-4
14P MTA156 CONN ASSY 22AWG LF

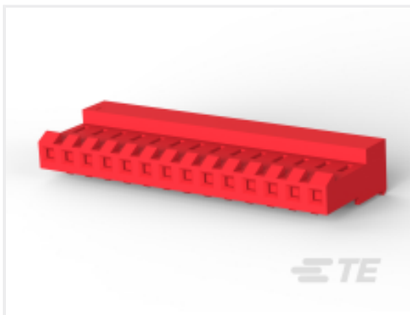


TE Part # 4-644465-4
14P MTA156 CONN ASSY 18AWG ORA

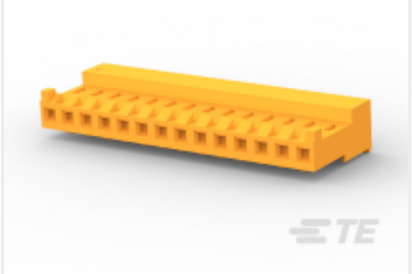
TE Part # 1-643071-4
14P MTA156 FD-THRU COVER

TE Part # 4-640599-4
14P MTA156 CONN ASSY 18AWG ORA

TE Part # 4-643819-4
14P MTA156 CONN ASSY 22AWG LF



TE Part # 4-640428-4
14P MTA156 CONN ASSY 22AWG RED



TE Part # 4-643817-4
14P MTA156 CONN ASSY 18AWG LF

TE Part # 4-640429-4
14P MTA156 CONN ASSY 24AWG WHT

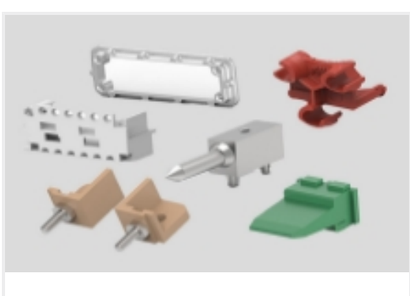
TE Part # CAT-103156-WBHSN
Receptacle Housing: Wire-to-Board, no Mating Alignment, SL 156

TE Part # 1-643067-4
14P MTA156 MOLDED COVER

Also in the Series | MTA 156

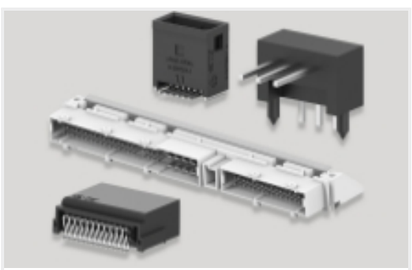
Connector Caps & Covers(89)

Connector Contacts(4)



Connector Hardware(2)

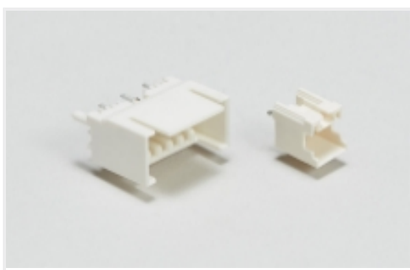
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(677)

Power Contacts(3)

Rectangular Power Connectors(331)



Wire-to-Board Headers & Receptacles (677)

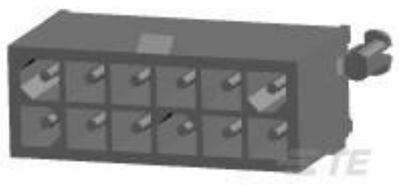
Customers Also Bought

TE Part #2-1879337-9
CPF 0603 4K87 1% 50PPM 1K RL

TE Part #1618387-5
LEV200A4NAF=RELAY, SPST-NO

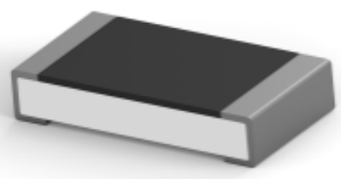
TE Part #1-770166-1
02P MINI UMNL ASSY VO SNAU LF

TE Part #1-640445-4
14P MTA156 HDR ASSY FL/STR SN

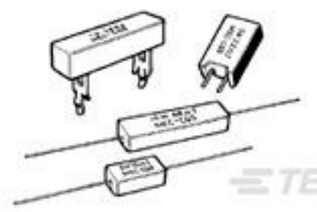


TE Part #1-794066-0
12P MINI UMNL HDR W/DH SN LF

TE Part #114020-90
PANEL NUT, SIZE 18, HD30



TE Part #1-2176388-8
RQ 1206 15R 0.1% 10PPM 5K RL



TE Part #1623785-7
SQM10 75R 5% (WIRE)

TE Part #1-770968-0
04P MINI UMNL R/A HDR ASSY SN

TE Part #1-770966-1
02P MINI UMNL R/A HDR ASSY AU

Documents

Product Drawings

14P MTA156 HDR ASSY SQ R/A F/L

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-640389-4_AG.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-640389-4_AG.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-640389-4_AG.3d_stp.zip

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English