5-640480-4 ✔ ACTIVE

MTA 156

TE Internal #: 5-640480-4

24 Position, Receptacle, Connector Assembly, Insulation Displacement (IDC), Wire-to-Board, Tin (Sn), Normal, UL 94V-2, MTA 156

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Mating Alignment: **Without**

Connector & Housing Type: **Receptacle**

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

Shielded: **No**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Insertion Force Type	Normal
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Cavities	24
Contacts Preloaded	Yes
Number of Positions	24
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Primary Product Color	White

Contact Features

Contact Underplating Material	Nickel

Wire Contact Termination Area Plating Material	Tin
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	With
Contact Current Rating (Max)	7 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Mating Alignment	Without
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon
Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

Connector Width	9.02 mm[.355 in]
Connector Height	18.42 mm[.725 in]
Wire Size	24 AWG
Connector Length	95.1 mm[3.744 in]

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	100
Packaging Method	Reel

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2-640388-4
24P MTA156 HDR ASSY RN STR F/L



TE Part # 2-640551-4
24P MTA156 COVER



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



TE Part # 58247-3
MTA 156 CRIMP HEAD PRODUCTION RBBN CABLE



TE Part # 2-643067-4
24P MTA156 MOLDED COVER



TE Part # 2-640445-4
24P MTA156 HDR ASSY FL/STR SN



TE Part # 2-640389-4
24P MTA156 HDR ASSY SQ R/A F/L



TE Part # 2-644752-4
24P MTA156 HDR ASSY SQ STR F/L



TE Part # 2-643071-4
24P MTA156 FD-THRU COVER



TE Part # 2-640385-4
24P MTA156 HDR ASSY SQ R/A



TE Part # 58247-2
MTA 156 CRIMP HEAD PRODUCTION DISCRETE

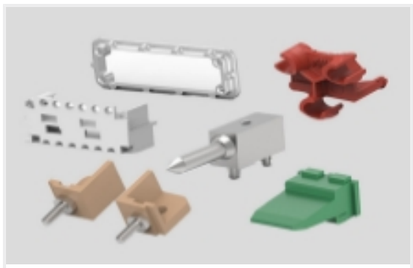


TE Part # 2-640383-4
24P MTA156 HDR ASSY STR SQ SN

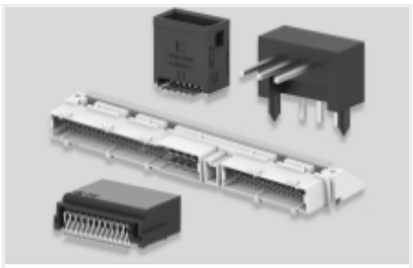
Also in the Series | MTA 156



Connector Contacts(4)



Connector Hardware(2)



PCB Headers & Receptacles(677)



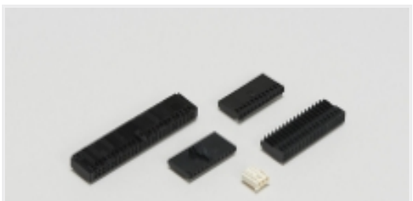
Power Contacts(3)



Rectangular Power Connectors(1178)



Standard Rectangular Connectors(667)



Wire-to-Board Connector Assemblies & Housings(594)

Customers Also Bought



TE Part #EF9981-000
222K121-25L/225-0



TE Part #CAT-DMC-MD-26
Rectangular Connector Receptacle Extenders, Tool-less Assembly



TE Part #ZPF000000000148762
DMC-M 99-04 AN (=33537-P0000)



TE Part #204502-4
RECEPT ASSY,26 POSN,AMPLIMITE



TE Part #205162-6
AMPLIMITE,ASY,PLUG,109,1



TE Part #1757624-1
SZ 8 COAX PIN,RG142,HEX CRIMP

Documents

Product Drawings

24 CIR MTS .156 ASSY LF

English

CAD Files

Customer View Model

ENG_CVM_5-640480-4_R.3d_igs.zip

English

Customer View Model

ENG_CVM_5-640480-4_R.3d_stp.zip

English

Customer View Model

ENG_CVM_5-640480-4_R.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-640480-4_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-640480-4_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-640480-4_P.3d_stp.zip

English

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Datasheets & Catalog Pages

ENG_DS_82056_MTA_0818.pdf

English

Product Specifications

Application Specification

English