



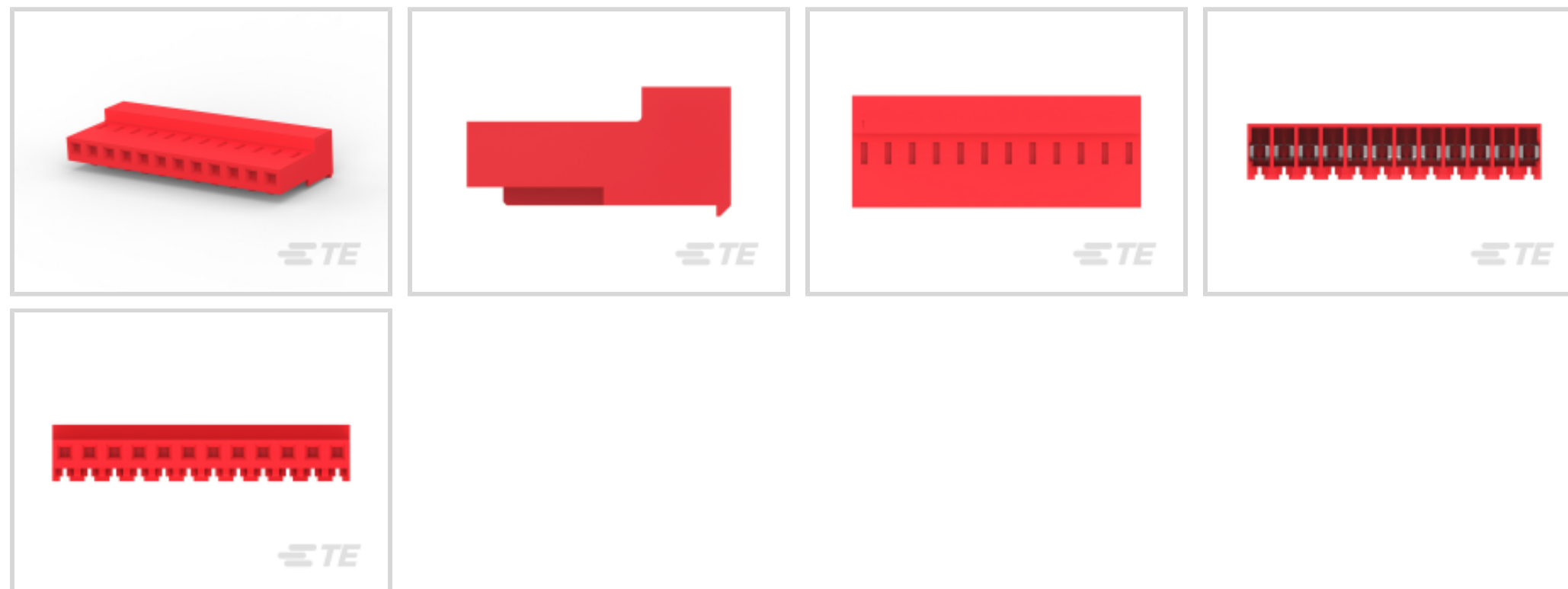
MTA 156

TE Internal #: 4-640433-2

Standard Rectangular Connectors, Connector Assembly, Receptacle, Insulation Displacement (IDC), Wire-to-Board, Tin, Normal, UL 94V-2, MTA 156

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **Without**

Mating Retention: **Without**

Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

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	12
Contacts Preloaded	Yes
Number of Positions	12
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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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
Housing Color	Red
Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

Connector Height	18.42 mm[.725 in]
Product Width	9.02 mm[.355 in]
Product Length	47.55 mm[1.872 in]
Wire Size	.3 – .4 mm ²

Usage Conditions

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

Shielded	No
Circuit Application	Signal

Industry Standards

CSA Rating	LR 7189
UL Rating	Recognized
Agency/Standard	CSA, UL



Approved Standards	UL E28476
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UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Quantity	250
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Packaging Method	Box & Carton
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Not applicable for solder process capability
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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 # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME



TE Part # 59804-1
MAINTENANCE TOOL



TE Part # 1-640551-2
12P MTA156 COVER



TE Part # 1-643067-2
12P MTA156 MOLDED COVER



TE Part # 1-643071-2
12P MTA156 FD-THRU COVER



TE Part # 58247-1
MTA 156 CRIMP HEAD REPAIR DISCRETE



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



TE Part # 641876-3
12P MTA156 HDR ASSY FL STR SN



TE Part # 1-640643-2
12P MTA156 COVER F/T



TE Part # 4-647615-2
12P MTA156 POL LOCK HDR ASSY LF



TE Part # 58040-1
MTA 156 ARBOR FIXTURE DISCRETE RBN CABLE



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




TE Part # 58576-1
MTA 156 PNEUMATIC TOOL FOR BOARD FIXTURE



TE Part # 58580-1
MTA 156 MANUAL TOOL ASSEMBLY DISCRETE


Also in the Series | **MTA 156**



Connector Caps & Covers(89)



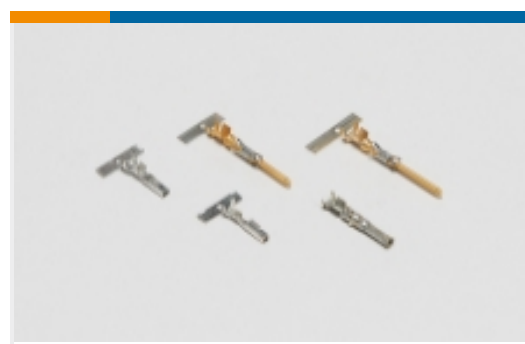
Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(314)



Power Contacts(2)



Rectangular Power Connectors(694)



Standard Rectangular Connectors(336)

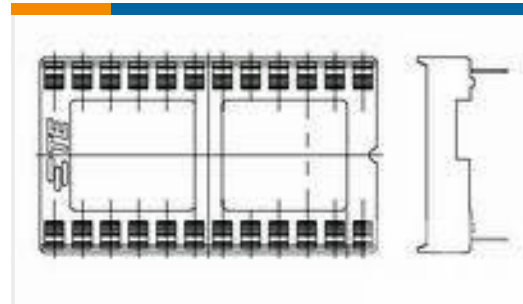


Wire-to-Board Connector Contacts(2)

Customers Also Bought



TE Part #5102154-2
A/L UNIV HDR 14P VERT



TE Part #1-2199299-5
40P,DIP SKT,600 CL,LDR,PB FREE



TE Part #1-1419104-7
T9AS1D22-12



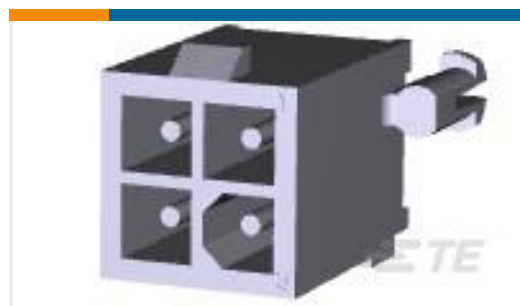
TE Part #640457-7
07P MTA100 HDR ASSY SQ R/A F/L



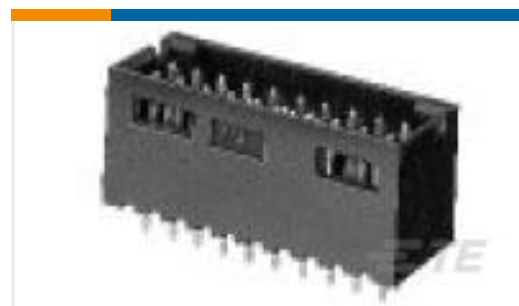
TE Part #747842-6
25 MSFL PLUG RA 318 (SL,FM,BL)



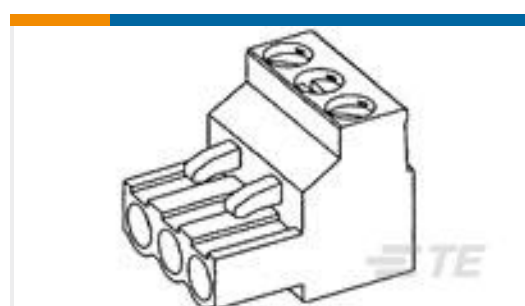
TE Part #1658622-3
16 NOVO MIL/CTR 30DP,LEAD FREE



TE Part #1-770874-0
04P MINI UMNL HDR ASSY SN LF



TE Part #1-103168-4
32 MODII HDR DRST SHRD .100CL



TE Part #1546108-4
EUROSTYLE TB,PLUG,GREY,STKG 4P



TE Part #6-1608067-0
188-84T200=R3508

Documents

Product Drawings

[12P MTA156 CONN ASSY 22AWG RED](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_4-640433-2_N.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_4-640433-2_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-640433-2_N.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

Japanese

Application Specification

English

MTA 156 Ribbon Cable Connector Assemblies (English And Spanish)

English

MTA 156 Ribbon Cable Connector Assemblies (English And Spanish)

Japanese

Agency Approvals

Agency Approval Document

English