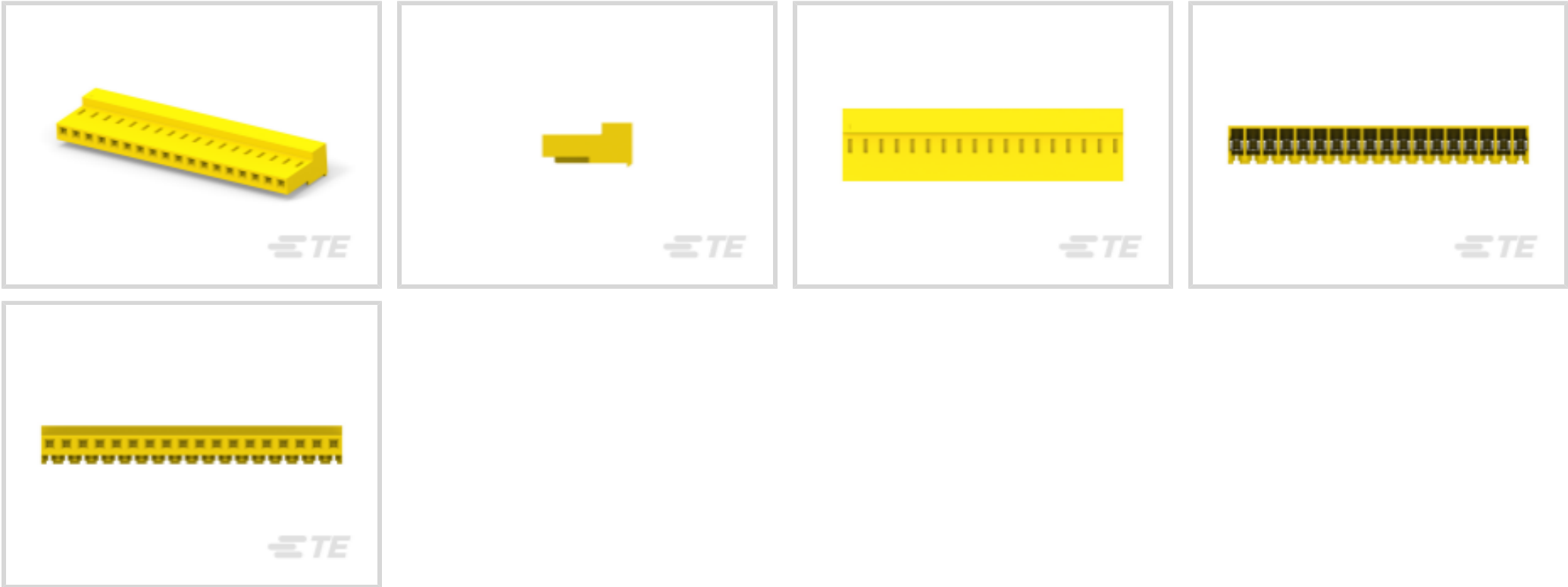




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**
Connector & Housing Type: **Receptacle**
Mating Alignment: **Without**
Mating Retention: **Without**
Termination Method to Wire & Cable: **Insulation Displacement Crimp (IDC)**

Features

Product Type Features

Product Style	Assembly
Shape	Rectangular
Wire/Cable Type	Stranded
Connector Type	Connector Assembly
Housing Type	Receptacle
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	18
Number of Positions	18



Number of Rows	1
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Panel Gasket	Without
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Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	In-line
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Contact Type	Female
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Wire Contact Termination Area Plating Material	Tin
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Contact Underplating Material	Nickel
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Contact Mating Area Plating Material	Tin
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Contact Retention Within Housing	With
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Contact Current Rating (Max)	7 A
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)
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Mechanical Attachment

Panel Mount	No
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Contact Retention Type Within Housing	Locking Lance
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Panel Mount Feature	Without
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Mating Alignment	Without
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Mating Retention	Without
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

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

Width	9.02 mm[.355 in]
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Height	18.42 mm[.725 in]
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Length	71.32 mm[2.808 in]
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Wire Size	.5 – .6 mm ²
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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	Certified
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR 7189
UL File Number	E28476
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	125
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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 58247-1
MTA 156 CRIMP HEAD REPAIR
DISCRETE



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



TE Part # 59804-1
MAINTENANCE TOOL



TE Part # 1-640445-8
18P MTA156 HDR ASSY FL/STR SN



TE Part # 1-640387-8
18P MTA156 HDR ASSY SQ R/A



TE Part # 1-640385-8
18P MTA156 HDR ASSY SQ R/A



TE Part # 1-640388-8
18P MTA156 HDR ASSY RN STR F/L



TE Part # 1-640383-8
18P MTA156 HDR ASSY STR SQ SN



TE Part # 1-643067-8
18P MTA156 MOLDED COVER



TE Part # 1-640551-8
18P MTA156 COVER



TE Part # 1-640389-8
18P MTA156 HDR ASSY SQ R/A F/L



TE Part # 4-644615-8
18P MTA156 POL HDR ASSY LF



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



TE Part # 1-640384-8
18P MTA156 HDR ASSY STR RND SN



TE Part # 1-640643-8
18P MTA156 COVER F/T



TE Part # 1-643071-8
18P MTA156 FD-THRU COVER



TE Part # 1-644749-8
18P MTA156 HDR ASSY STR SQ SN



TE Part # 1-644750-8
18P MTA156 HDR ASSY STR RND SN



TE Part # 1-644751-8
18P MTA156 HDR ASSY R/A



TE Part # 1-644752-8
18P MTA156 HDR ASSY SQ STR F/L



Also in the Series | MTA 156

Insertion & Extraction Tools(1)	PCB Connector Covers(92)	PCB Connector Keying(2)	PCB Connector Mounting(1)
Power Contacts(3)	Rectangular Caps & Covers(1)	Rectangular Power Connectors(748)	Standard Rectangular Connectors (1309)
Wire-to-Board Connector Contacts(12)	Wire-to-Board Headers & Receptacles (729)		

Customers Also Bought

TE Part #87465-6 04 MODII HDR SRST UNSHRD .100	TE Part #530030-1 TWIN LF KEYING PLUG	TE Part #1-643071-5 15P 156 CL MTA FD/TH COVER	TE Part #1-643071-6 16P MTA156 FD-THRU COVER
TE Part #1-87309-2 MOD V RECP PLTD 15 AU	TE Part #322291 TERMINAL,SOLIS R 1/0 1/2	TE Part #3-640605-7 07P MTA156 CONN ASSY 20AWG LF	TE Part #4-640432-5 15P MTA156 CONN ASSY 20AWG YEL



Documents

Product Drawings

18P MTA156 CONN ASSY 20AWG YEL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-640432-8_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-640432-8_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-640432-8_R.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

MTA, CST-100 II, SL-156 and AMP Economy Power (EP) Connectors

English

Product Specifications

Application Specification

English

MTA 156 Ribbon Cable Connector Assemblies (English And Spanish)

English

Application Specification

Japanese

MTA 156 Ribbon Cable Connector Assemblies (English And Spanish)

Japanese

Agency Approvals

Agency Approval Document

English

