



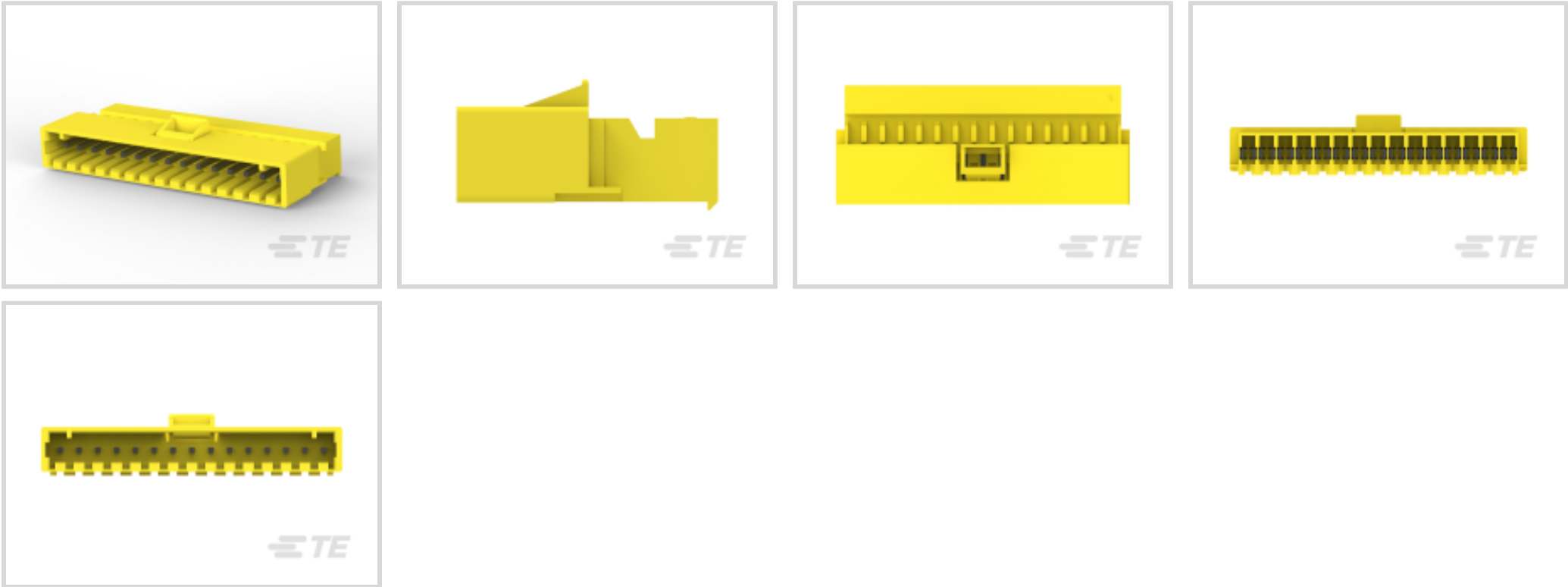
MTA 156

TE Internal #: 4-641436-5

Connector Assembly, Plug, Wire-to-Wire, 15 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, UL 94V-2, MTA 156, Rectangular Power Connectors

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Plug**

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

Number of Positions: **15**

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

Features

Product Type Features

Compatible With Discrete Wire Type	Solid, Stranded
Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	15
Number of Power Positions	15
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Cable Exit Angle	90°
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Connector Profile	Standard
Contact Features	
Contact Layout	Inline
Contact Underplating Material Thickness	50 µm[1.27 µin]
Wire Contact Termination Area Plating Thickness	2.03 µm[80 µin]
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	7 A
Contact Retention Within Housing	With
Contact Type	Pin
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.03 µm[80 µin]
Termination Features	
Termination Method to Wire & Cable	Insulation Displacement (IDC)
Mechanical Attachment	
Strain Relief	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
Contact Retention Type Within Housing	Locking Lance
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Wire & Cable IDC Installation Type	Closed End
Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Yellow
Housing Material	Nylon



Dimensions

Connector Height	12.37 mm
Product Length	63.4 mm
Compatible Insulation Diameter Range	2.41 mm[.095 in]
Wire Size	.5 – .6 mm²

Usage Conditions

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

Circuit Application	Power
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Industry Standards

CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	500
Packaging Method	Package

Product Compliance

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

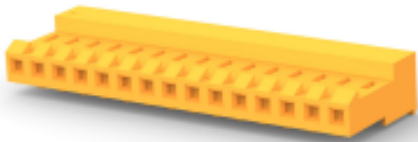
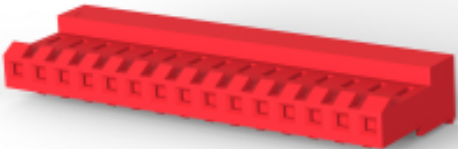
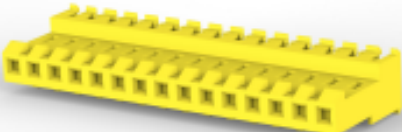
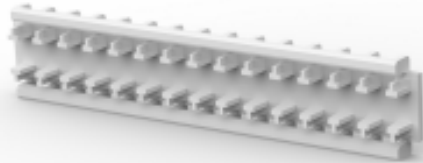
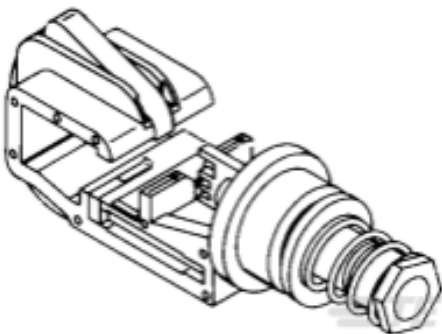
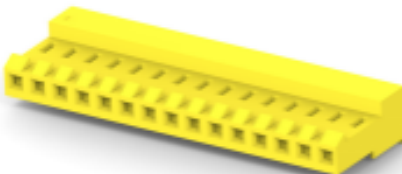
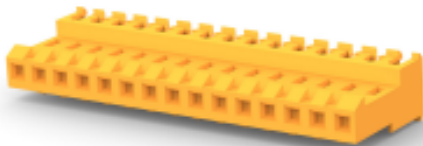
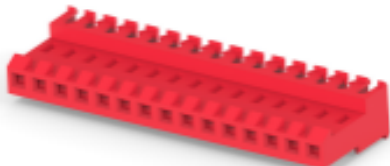
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	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 # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME	 TE Part # 1-643067-5 15P MTA156 MOLDED COVER	 TE Part # 4-640426-5 15P MTA156 CONN ASSY 18AWG ORA	 TE Part # 1-640551-5 15P MTA156 COVER
 TE Part # 4-640428-5 15P MTA156 CONN ASSY 22AWG RED	 TE Part # 4-640600-5 15P MTA156 CONN ASSY 20AWG LF	 TE Part # 1-643071-5 15P 156 CL MTA FD/TH COVER	 TE Part # 1-770996-5 15P SL 156 HSG W/TABS W/O LR
 TE Part # 58082-1 MTA 156 CRIMP HEAD PRODUCTION POSTED	 TE Part # 4-640427-5 15P MTA156 CONN ASSY 20AWG YEL	 TE Part # 1-640643-5 15P MTA156 COVER F/T	 TE Part # 4-640599-5 15P MTA156 CONN ASSY 18AWG ORA
 TE Part # 4-640601-5 15P MTA156 CONN ASSY 22AWG LF	 TE Part # 4-640602-5 15P MTA156 CONN ASSY 24AWG LF		



Also in the Series | MTA 156

Connector Caps & Covers(89)	Connector Contacts(4)	Connector Hardware(2)	Insertion & Extraction Tools(1)
PCB Headers & Receptacles(317)	Rectangular Power Connectors(691)	Standard Rectangular Connectors(336)	

Customers Also Bought

TE Part #DT04-2P REC, 2P, GRY, N	TE Part #DT06-2S PLG, 2P, GRY, N	TE Part #W2S Wedgelocks: DEUTSCH DT	TE Part #0460-202-16141 DEUTSCH Solid Contacts
TE Part #282104-1 AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING	TE Part #281934-2 SINGLE WIRE SEAL	TE Part #114017-ZZ SEALING PLUG, SIZE 12/16, WHT	

Documents

Product Drawings
15P MTA156 CONN ASSY LF

English

CAD Files
3D PDF

3D



Customer View Model

[ENG_CVM_CVM_4-641436-5_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-641436-5_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-641436-5_M.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English