

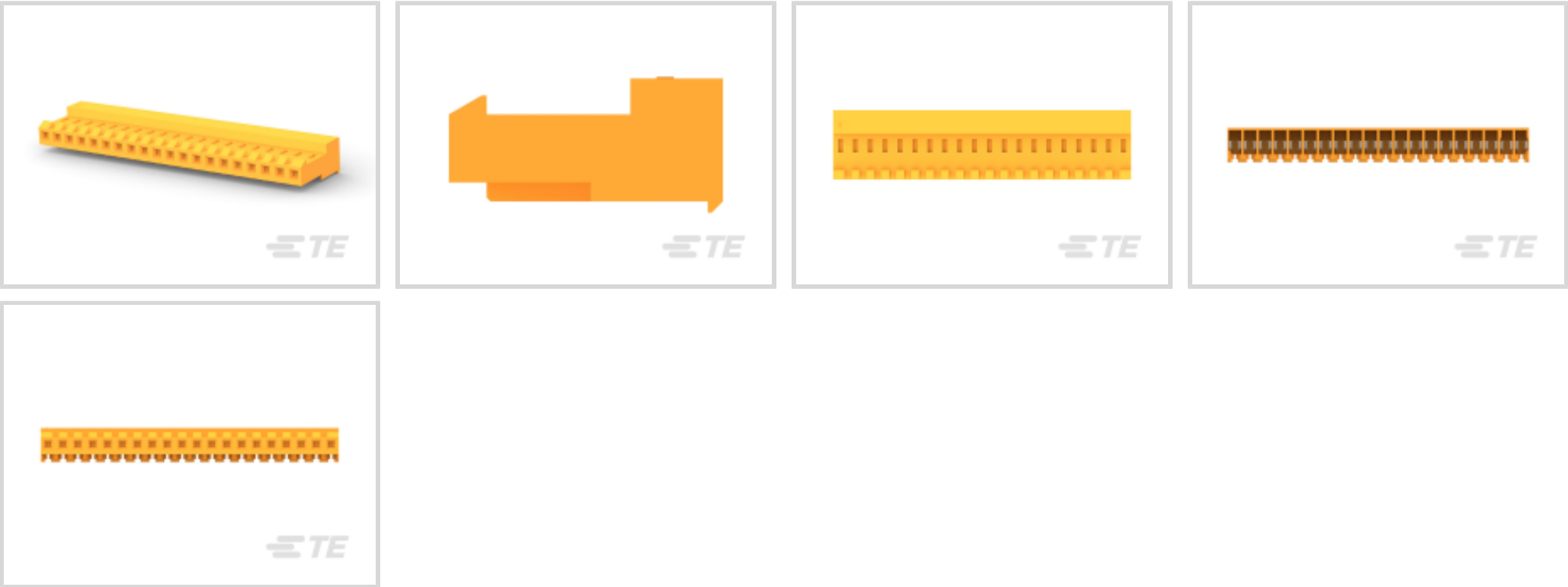


MTA 156

TE Internal #: 5-640426-0
20 Position, Receptacle, Connector Assembly, Insulation
Displacement (IDC), Wire-to-Board, Tin (Sn), UL 94V-2, 3.96 mm [.156 in] Centerline, MTA 156

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**
Mating Alignment: **Without**
Connector & Housing Type: **Receptacle**
Mating Retention Type: **Locking Ramp**
Connector System: **Wire-to-Board**

Features

Product Type Features

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

Configuration Features

Number of Positions	20
Number of Rows	1
Number of Power Positions	20

Electrical Characteristics

Operating Voltage	600 VAC
-------------------	---------

Body Features

Primary Product Color	Orange
-----------------------	--------



Cable Exit Angle	90°
------------------	-----

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	30 µm[.762 µin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	2.03 – 5.08 µm[80 – 200 µin]
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	With
Contact Current Rating (Max)	7 A
Contact Type	Receptacle
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.03 – 5.08 µm[80 – 200 µin]

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
------------------------------------	-------------------------------

Mechanical Attachment

Strain Relief	With
Panel Mount Feature	Without
Contact Retention Type Within Housing	Locking Lance
Mating Alignment	Without
Mating Retention Type	Locking Ramp
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Wire & Cable IDC Installation Type	Closed End
Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	Nylon

Dimensions

Compatible Insulation Diameter Range	2.41 mm[.095 in]
Connector Height	9.02 mm[.355 in]
Connector Length	79.25 mm[3.12 in]



Wire Size .8 – .9 mm²

Usage Conditions

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

Operation/Application

Circuit Application Power

Industry Standards

Compatible With Agency/Standards Products CSA, UL

UL Rating Recognized

Compatible With Approved Standards Products UL E28476

CSA Rating Certified, LR 7189

UL Flammability Rating UL 94V-2

Glow Wire Rating Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity 125

Packaging Method Box & Carton

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 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

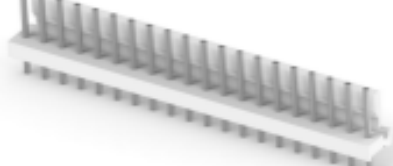
Product Compliance Disclaimer

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



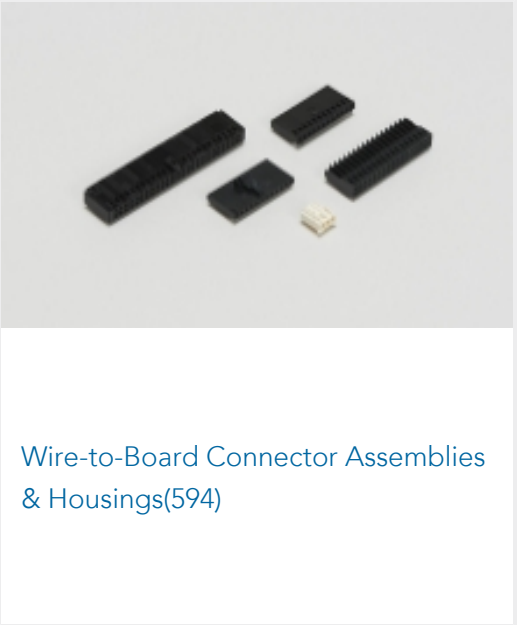
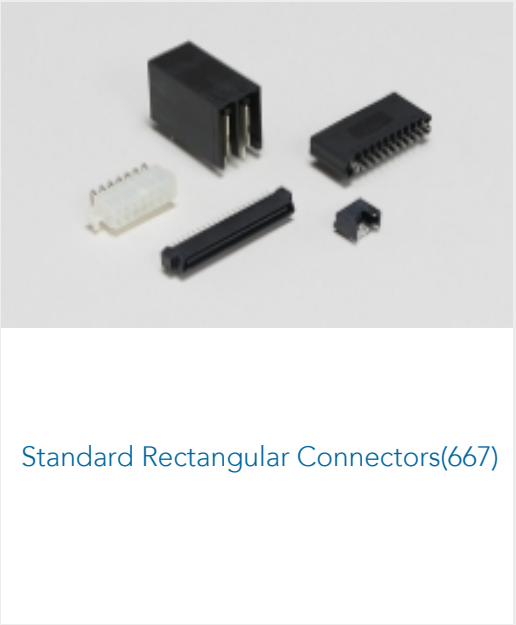
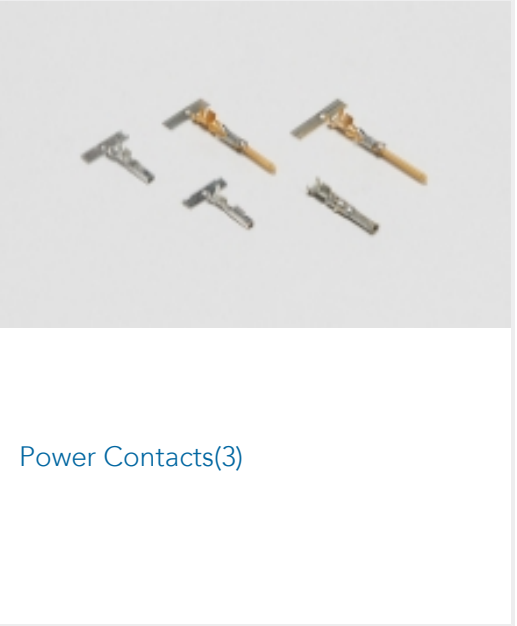
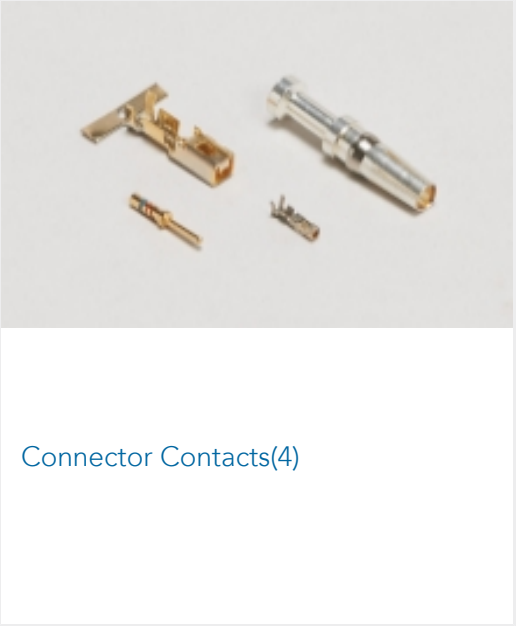
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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

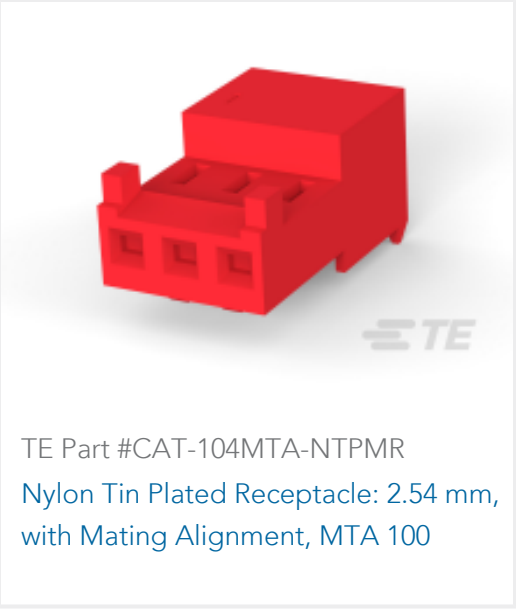
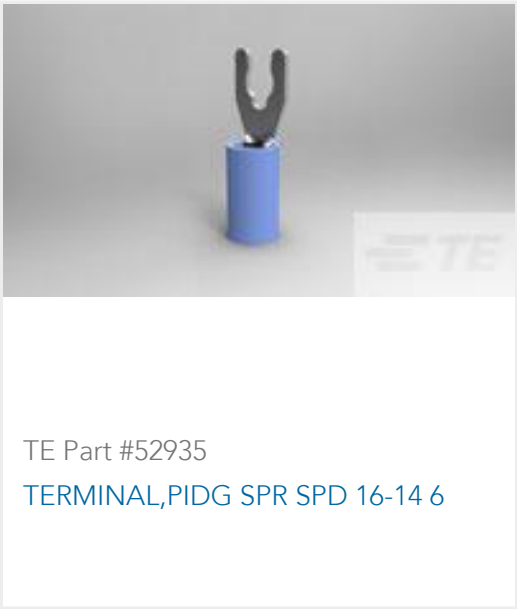
 TE Part # 2-643071-0 20P MTA156 FD-THRU COVER	 TE Part # 2-644751-0 20P MTA156 HDR ASSY R/A	 TE Part # 2-640389-0 20P MTA156 HDR ASSY SQ R/A F/L	 TE Part # 58247-1 MTA 156 CRIMP HEAD REPAIR DISCRETE
 TE Part # 2-640383-0 20P MTA156 HDR ASSY STR SQ SN	 TE Part # 2-644753-0 20P MTA156 HDR ASSY RN STR F/L	 TE Part # 2-643067-0 20P MTA156 MOLDED COVER	 TE Part # 58247-3 MTA 156 CRIMP HEAD PRODUCTION RBBN CABLE
 TE Part # 2-640388-0 20P MTA156 HDR ASSY RN STR F/L	 TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME	 TE Part # 2-640643-0 20P MTA156 COVER F/T	 TE Part # 2-644752-0 20P MTA156 HDR ASSY SQ STR F/L
 TE Part # 58247-2 MTA 156 CRIMP HEAD PRODUCTION DISCRETE	 TE Part # 59804-1 MAINTENANCE TOOL	 TE Part # 2-640385-0 20P MTA156 HDR ASSY SQ R/A	 TE Part # 2-640445-0 20P MTA156 HDR ASSY FL/STR SN



Also in the Series | MTA 156



Customers Also Bought





Documents

Product Drawings

20P MTA156 CONN ASSY 18AWG ORA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-640426-0_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-640426-0_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-640426-0_K.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Agency Approvals

UL

English