



CST

TE Internal #: 1-1375820-9

Housing, Receptacle, Wire-to-Wire, 19 Position, 2.54mm [.1in]

Centerline, Crimp, 1 Row, Natural Housing Color, Mating Retention, Wire & Cable

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > Receptacle Housing: 2.54mm, 1 Row, CST-100 II



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **19**

Centerline (Pitch): **2.54 mm [ .1 in ]**

[All Receptacle Housing: 2.54mm, 1 Row, CST-100 II \(31\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	19
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

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Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Socket
Contact Current Rating (Max)	7 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon - GF
Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Natural

Dimensions

Connector Length	48.77 mm[1.92 in]
Connector Height	6.6 mm[.26 in]
Wire Size	.13 – .33 mm²

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

CSA Rating	Certified
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0
UL File Number	E28476
UL Rating	Recognized



Agency/Standard	CSA, UL
CSA File Number	LR 7189

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Other

Comment	Accepts Rec Contact p/n 1375819 & MTA-100 Keying Plug P/N 641994-1, Not interchangeable with CST-100 contacts and housings.
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Product Compliance

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




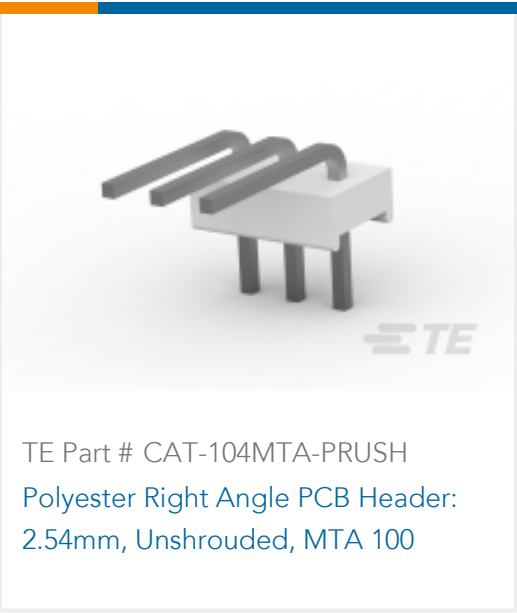





EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer




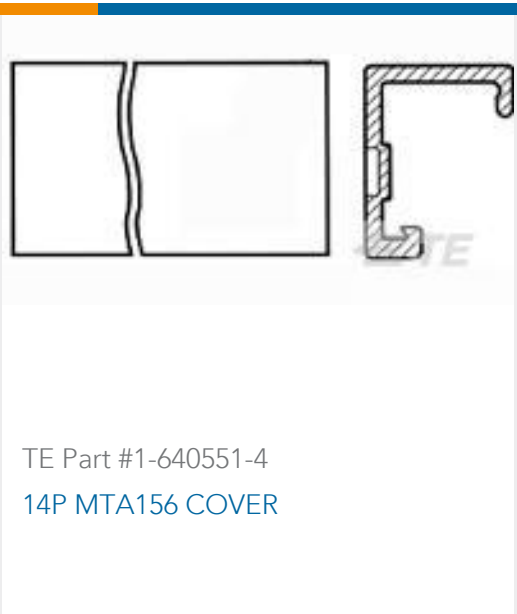


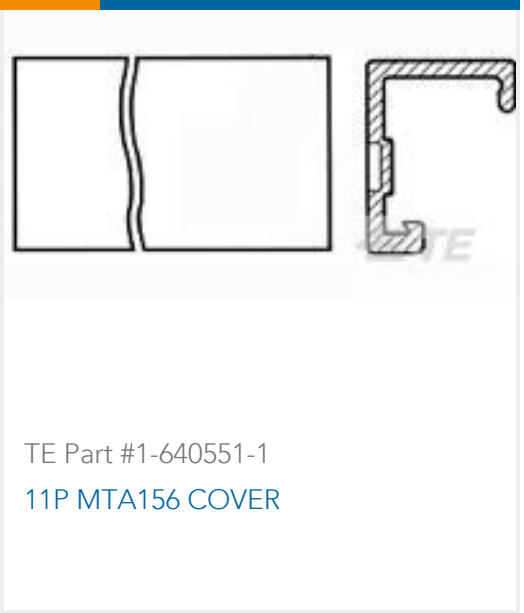
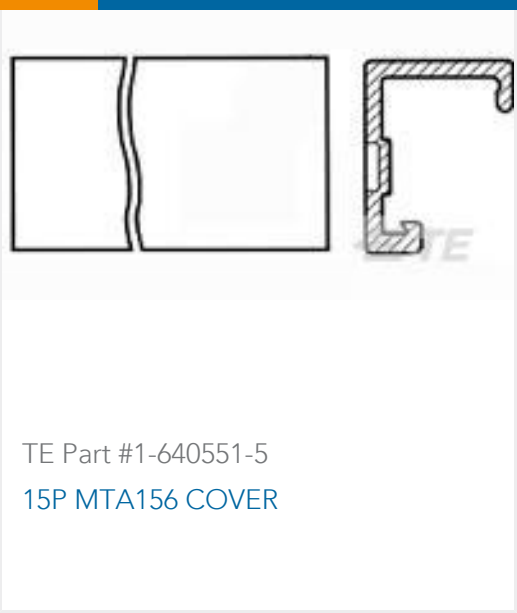
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



 <p>TE Part # CAT-104MTA-PVUNH Polyester Vertical PCB Header: 2.54 mm, Unshrouded, No Mating Alignment</p>	 <p>TE Part # CAT-104MTA-PLSCC Polyester PCB Connector Covers: 2.54 mm, MTA 100</p>	 <p>TE Part # CAT-104MTA-PVUMH Polyester Vertical PCB Header: 2.54 mm, With Mating Alignment, Unshrouded</p>	 <p>TE Part # CAT-104MTA-PRUSH Polyester Right Angle PCB Header: 2.54mm, Unshrouded, MTA 100</p>
 <p>TE Part # CAT-104MTA-PRUMH Polyester Right Angle PCB Header: 2.54mm, Wire-to-Board, MTA 100</p>	 <p>TE Part # CAT-104MTA-NYLCC Nylon PCB Connector Covers: 2.54 mm, MTA 100</p>	 <p>TE Part # CAT-104MTA-PVBRH Polyester Vertical PCB Header: 2.54 mm, Breakaway, MTA 100</p>	 <p>TE Part # CAT-104CST-RCPHS Receptacle Housing: 2.54mm, 1 Row, CST-100 II</p>
 <p>TE Part # CAT-104MTA-PRBRH Polyester Right Angle PCB Header: 2.54mm, Breakaway, MTA 100</p>			

Customers Also Bought

 <p>TE Part #1-640456-6 Polyester Vertical PCB Header: 2.54 mm, Unshrouded, No Mating Alignment</p>	 <p>TE Part #2-382811-1 SHUNT, ECON, PHBRN, BLACK</p>	 <p>TE Part #1658622-1 10 NOVO MIL/CTR 30DP, LEAD FREE</p>	 <p>TE Part #1-640551-4 14P MTA156 COVER</p>
 <p>TE Part #1-2204801-8 ELCON MICRO, HEADER, VERTICAL DIP, 4P</p>	 <p>TE Part #YDTS20W15-35JNV001 D38999: Square Flange, 15-35 insert</p>	 <p>TE Part #1-640551-1 11P MTA156 COVER</p>	 <p>TE Part #1-640551-5 15P MTA156 COVER</p>



Documents

Product Drawings

[CST-100 II HOUSING 19 POS](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1375820-9\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1375820-9\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1375820-9\\_A.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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English