



CST

TE Internal #: 1-1375820-7

Housing, Receptacle, Wire-to-Wire, 17 Position, 2.54 mm [.1 in]  
Centerline, Crimp, 1 Row, Natural, Wire & Cable, Power & Signal

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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: **17**

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

[All Receptacle Housing: 2.54mm, 1 Row, CST-100 II \(24\)](#)

### Features

#### Electrical Characteristics

Operating Voltage	250 VAC
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#### Industry Standards

Compatible With Agency/Standards Products	UL, CSA
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

#### Packaging Features

Packaging Method	Package
Packaging Quantity	1

#### Dimensions

Connector Height	6.6 mm[.26 in]
Wire Size	26 – 22 AWG
Connector Length	43.69 mm[1.72 in]



### Contact Features

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

### Mechanical Attachment

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

### Housing Features

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

### 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	17
Number of Rows	1

### Body Features

Primary Product Color	Natural
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### 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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**Other**

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

**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	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**



TE Part # 1-647557-8  
CST-100 II HSG 18 POS #2 BLKD



TE Part # 1-640454-7  
17P MTA100 HDR ASSY SQ STR POL



TE Part # CAT-104MTA-NYLCC  
Nylon PCB Connector Covers: 2.54 mm, MTA 100



TE Part # 1-640456-7  
17P MTA100 HDR ASSY F/L SQ STR

## Customers Also Bought



## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1375820-7\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1375820-7\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1375820-7\\_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

### Agency Approvals

#### CSA Certificate

English