



**CST**

TE Internal #: 1-1375820-6

Housing, Receptacle, Wire-to-Wire, 16 Position, .1 in [2.54 mm]  
Centerline, Crimp, 1 Row, Natural, Mating Retention, 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: **16**

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

[All Receptacle Housing: 2.54mm, 1 Row, CST-100 II \(25\)](#)

**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	16
Number of Rows	1

**Electrical Characteristics**

Operating Voltage	250 VAC
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**Body Features**

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Primary Product Color	Natural
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### Contact Features

Contact Retention Within Housing	Without
Contact Layout	Inline
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]

### Dimensions

Connector Length	41.15 mm[1.62 in]
Connector Height	6.6 mm[.26 in]
Wire Size	.13 – .33 mm <sup>2</sup>

### 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

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

### Packaging Features



Packaging Quantity	1
Packaging Method	Package

**Other**

Discrete Wire Connector 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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # CAT-104MTA-PRUSH  
PCB Header: Polyester, Right Angle, Unshrouded



TE Part # 1-640454-6  
16P MTA100 HDR ASSY SQ STR POL



TE Part # CAT-104MTA-PVUNH  
PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment



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



TE Part # 4-644456-6  
16P MTA100 HDR ASSY (NARROW)



TE Part # 1-640455-6  
16P MTA100 HDR ASSY SQ R/A POL



TE Part # 1-640550-6  
16P MTA100 COVER



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

### Customers Also Bought



TE Part # 1658608-3  
15 POS HDF PLUG, MS, LEAD FREE



TE Part # 1-1375820-3  
Receptacle Housing: 2.54mm, 1 Row, CST-100 II



TE Part # 5-1478763-3  
Metal backshell 25 way 45 Deg Entry-KIT



TE Part # 1375819-2  
CST-100 II CONTACT 15 GOLD PLT KIT



TE Part # 2-640456-4  
24P MTA100 HDR ASSY F/L SQ STR



TE Part # CQ50363001  
RAY-101-20.0(10)

### Documents

#### Product Drawings

[CST-100 II HOUSING 16 POS](#)

English

#### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-1375820-6\\_A.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1375820-6\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1375820-6\\_A.3d\\_stp.zip](#)

English

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

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**Product Specifications**

**Application Specification**

English

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**Product Environmental Compliance**

[MD\\_1-1375820-6\\_061620161129\\_dmtec](#)

English

[MD\\_1-1375820-6\\_061620161129\\_dmtec](#)

English

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**Instruction Sheets**

**Instruction Sheet (U.S.)**

English

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**Agency Approvals**

**CSA Certificate**

English