



CST

TE Internal #: 1375820-9

Housing, Receptacle, Wire-to-Wire, 9 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: **9**

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 | 9 |
| Number of Rows      | 1 |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Body Features

|  |  |
|--|--|
|  |  |
|--|--|



|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

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 |
|------------------------------------|-------|

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 | 23.37 mm[.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] |
|-----------------------------|----------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

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

Packaging Features



|                    |         |
|--------------------|---------|
| Packaging Quantity | 1       |
| 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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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 # 640454-9  
09P MTA100 HDR ASSY SQ STR POL

TE Part # CAT-104MTA-PRUMH  
PCB Header: Polyester, Right Angle, 2.54 mm

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

TE Part # CAT-104MTA-PRUSH  
PCB Header: Polyester, Right Angle, Unshrouded



TE Part # 3-644456-9  
09P MTA100 HDR ASSY (NARROW)

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

TE Part # 3-647116-9  
09P MTA100 HDR HT FL 30AU LF

TE Part # 640550-9  
09P MTA100 COVER

TE Part # 3-647166-9  
09P MTA100 HDR ASSY,SM,FL,LF

TE Part # 647508-6  
CST 100 II HSG,SPEC,BLOCK CIR

Customers Also Bought

TE Part #86-300G-C  
300 PSIG CABLE CONN MV PRESSURE SENSOR

TE Part #1-1375820-0  
Receptacle Housing: 2.54mm, 1 Row, CST-100 II

TE Part #91518-1  
CCII AMPMODU SHORT POINT REC 32-22 ASSY

TE Part #104505-5  
MTE PIN LP

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

TE Part #1375819-1  
CST-100 II CONTACT TIN PLT

Documents

Product Drawings  
CST-100 II HOUSING 9 POS  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1375820-9\_A.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1375820-9\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1375820-9\\_A.3d\\_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

Agency Approvals

[CSA Certificate](#)

English