



CST

TE Internal #: 1-1375820-2

Housing, Receptacle, Wire-to-Wire, 12 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: **12**

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 | 12 |
| 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 | 30.99 mm[1.22 in] |
| Connector Height | 6.6 mm[.26 in] |
| Wire Size | .13 – .33 mm ² |

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 |
| 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. |
|---------------------------------|---|

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: JUNE 2023 (235) 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 # CAT-104MTA-PVUMH
PCB Header: Polyester, Vertical, 2.54 mm



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



TE Part # 1-640455-2
12P MTA100 HDR ASSY SQ R/A POL



TE Part # CAT-104MTA-PLSCC
Polyester PCB Connector Covers: 2.54 mm, MTA 100



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



TE Part # CAT-104MTA-NVSMH
Nylon Vertical PCB Header: 2.54mm, Surface Mount, MTA 100



TE Part # 4-644456-2
12P MTA100 HDR ASSY (NARROW)



TE Part # CAT-104CST-RCPHS
Receptacle Housing: 2.54mm, 1 Row, CST-100 II



TE Part # 1-647116-2
12P MTA100 HDR HT FL STR 30AU



TE Part # 4-644892-2
12P CST100 SHRD HDR ASSY LF

Customers Also Bought



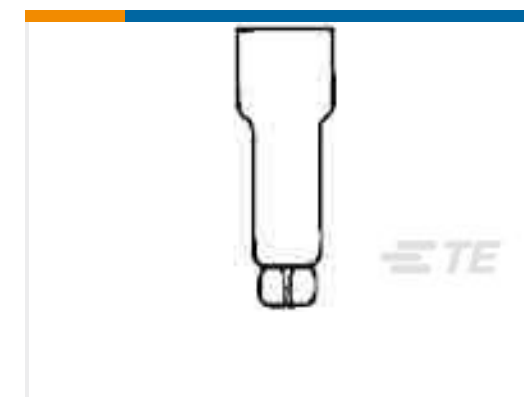
TE Part #1375820-8
Receptacle Housing: 2.54mm, 1 Row, CST-100 II



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



TE Part #60415-1
110 FASTON REC 22-18 AWG TPBR



TE Part #2-321519-2
SPLICE,CE 22-10



TE Part #416947-000
CWT-6-W122-5



TE Part #BDA107N00000150000
923 BULKHEAD CONNECTOR

Documents



Product Drawings

CST-100 II HOUSING 12 POS

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1375820-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1375820-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1375820-2_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

Product Environmental Compliance

[MD_1-1375820-2_01252019522_dmtec](#)

English

[MD_1-1375820-2_01252019522_dmtec](#)

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

CSA Certificate

English