



CST

TE Internal #: 1-1375820-3

Housing, Receptacle, Wire-to-Wire, 13 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: **13**

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 | 13 |
| Number of Rows      | 1  |

Electrical Characteristics

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

Contact Features

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



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

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 | 33.53 mm[1.32 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

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

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)<br>Candidate List Declared Against: JAN 2021 (211)<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                                                                                  |

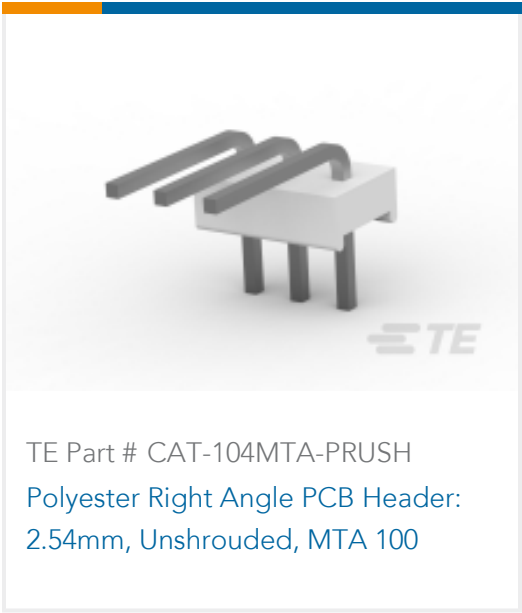
Product Compliance Disclaimer

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>

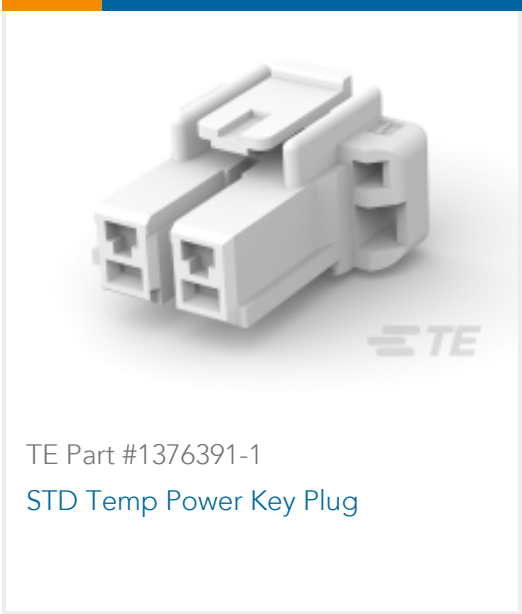
Compatible Parts





|                                                                                                                                                                                        |                                                                                                                                                                                                  |                                                                                                                                                                                                     |                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-104MTA-PRUSH<br/>Polyester Right Angle PCB Header: 2.54mm, Unshrouded, MTA 100</p>  |  <p>TE Part # CAT-104MTA-PVUNH<br/>Polyester Vertical PCB Header: 2.54 mm, Unshrouded, No Mating Alignment</p> |  <p>TE Part # CAT-104MTA-PVUMH<br/>Polyester Vertical PCB Header: 2.54 mm, With Mating Alignment, Unshrouded</p> |  <p>TE Part # CAT-104MTA-PVBRH<br/>Polyester Vertical PCB Header: 2.54 mm, Breakaway, MTA 100</p> |
|  <p>TE Part # CAT-104MTA-PLSCC<br/>Polyester PCB Connector Covers: 2.54 mm, MTA 100</p>              |  <p>TE Part # CAT-104MTA-NYLCC<br/>Nylon PCB Connector Covers: 2.54 mm, MTA 100</p>                           |  <p>TE Part # CAT-104MTA-PRUMH<br/>Polyester Right Angle PCB Header: 2.54mm, Wire-to-Board, MTA 100</p>         |  <p>TE Part # CAT-104CST-RCPHS<br/>Receptacle Housing: 2.54mm, 1 Row, CST-100 II</p>             |
|  <p>TE Part # CAT-104MTA-PRBRH<br/>Polyester Right Angle PCB Header: 2.54mm, Breakaway, MTA 100</p> |  <p>TE Part # 4-644892-3<br/>13P CST100 SHRD HDR ASSY LF</p>                                                 |  <p>TE Part # 4-644893-3<br/>13P CST100 SHRD HDR ASSY LF</p>                                                   |  <p>TE Part # 4-644894-3<br/>13P CST100 SHRD HDR ASSY LF</p>                                    |
|  <p>TE Part # 4-644896-3<br/>13P CST100 SHRD HDR ASSY LF</p>                                        |  <p>TE Part # 4-644897-3<br/>13P CST100 SHRD HDR ASSY LF</p>                                                 |  <p>TE Part # 4-644898-3<br/>13P CST100 SHRD HDR ASSY LF</p>                                                   |                                                                                                                                                                                      |

Customers Also Bought

|                                                                                                                                           |                                                                                                                                  |                                                                                                                                                      |                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #1376391-1<br/>STD Temp Power Key Plug</p> |  <p>TE Part #1376394-1<br/>Power Key TPA</p> |  <p>TE Part #1-1971772-4<br/>POWER TRIPLE LOCK STD TEMP CAP</p> |  <p>TE Part #1-1971773-3<br/>POWER TRIPLE LOCK STD TEMP PLUG</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|



TE Part #1-172075-1  
3 POS PL 187(4.8 MM) HOUSING  
NATURAL

TE Part #1586847-1  
03P UMNL PLUG HSG, GW

TE Part #173691-1  
PL 187 REC 20-16 AWG 0.3 X 14.0  
PTBR

TE Part #794816-1  
06P UMNL PLUG,VO

Documents

Product Drawings

CST-100 II HOUSING 13 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1375820-3\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1375820-3\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1375820-3\_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

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English