1-1375820-1 V ACTIVE

CST

TE Internal #: 1-1375820-1

Housing, Receptacle, Wire-to-Wire, 11 Position, 2.54 mm [.1 in]

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: 11

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 | 11 |
|---------------------|----|
| Number of Rows | 1 |

Electrical Characteristics

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

Contact Features



| Context Type Context Type Context Type Context 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 PCB Mount Rectroition Mating Retention Type I atch Mating Retention Type Cable Mount (Free Hanging) Housing Features Housing Features Housing Material Centerine (Pitch) Dimensions Connector Lingth Wire Size J3 – 33 mm² Usage Conditions Operation/Application Crout Application Crout Application Crout Application Crout Chapting Color Wire Capted Temperature Range Operation/Application Crout Application Crout Chapting Connected Contended Capted Temperature Range Operation Contended Crout Application Crout Application Crout Chapting Contended Capted Contende | Contact Layout | Inline |
|--|------------------------------------|-------------------------------|
| Contact Type Contact Current Rating (Max) 7 A Termination Features Termination Method to Wire & Cable Mechanical Attachment Strain Relief Without PCB Mount Alignment Without PCB Mount Retention PCB Mount Retention Without PCB Mount Retention Without Without PCB Mount Retention Without Mating Retention Type Latch Mating Retention Type Cable Mount (Free-Hanging) Housing Features Housing Material Nyon - GF Centerline (Pitch) 2.54 mm[1 in] Housing Color Natural Dimensions Connector Length Connector Length Connector Length Connector Height Mating Color Dimensions Connector Length Connector | | Without |
| Termination Features Termination Method to Wire & Cable Mechanical Attachment Strain Rollef PCB Mount Alignment Profit Mount Feature Without Panel Mount Feature PCB Mount Retention Mating Retention Type Latch Mating Retention With Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material Nylon GF Conterline (Pitch) 2.54 mm[1 in] Housing Color Natural Dimensions Connector Length 28.45 mm[1.12 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 Circuit Application Connector Rating Controlled Standard Part - Not Glow Wire UL Planmability Rating UL 94V 0 UL File Number E28476 | Contact Type | Socket |
| Termination Method to Wire & Cable Mechanical Attachment Strain Relief Without PCB Mount Alignment Without Panel Mount Feature Without PCB Mount Retention Without Mating Retention Type I stich Mating Retention Type Cable Mount (Free-Hanging) Housing Features Housing Material Nylon - GF Centerline (Pitch) 2.54 mm (.1 in) Housing Color Natural Dimensions Connector Length 28.45 mm (1.12 in) Connector Height & 6 mm (.26 in) Wire Size 1.333 mm² Usage Conditions 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 Flammability Rating UL 94V 0 UL File Number E28476 | Contact Current Rating (Max) | 7 A |
| 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 - Gl' Centerline (Pitch) 2.54 mm[.1 in] Housing Color Natural Dimensions Connector Length 28.45 mm[1.12 in] Connector Height 6.6 mm[.26 in] Wire Size | Termination Features | |
| Strain Relief Without PCB Mount Alignment Without Panel Mount I eature 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 28.45 mm[1.12 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 UL P4V 0 UL Flammability Rating UL 94V 0 UL Flammability Rating UL 94V 0 UL Flammability Rating UL Flammability Rating UL 194V 0 UL Flammability Rating | Termination Method to Wire & Cable | Crimp |
| 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 Connector Height 6.6 mm[.26 in] Wire Size 1.3 – .33 mm² Usage Conditions Operating Temperature Range 55 - 105 °C 67 - 221 °F Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Glow Wire Rating UL Flammability Rating UL Flammability Rating UL Fle Number | Mechanical Attachment | |
| Panel Mount Feature 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 (Ptch) 2.54 mm[.1 in] Housing Color Natural Dimensions Connector Length 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 Centified Glow Wire Rating UL Flammability Rating | Strain Relief | Without |
| PCB Mount Retention Mating Retention Type Latch Mating Retention With Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material Nylon - GF Centerline (Pitch) 1.54 mm[.1 in] Housing Color Natural Dimensions Connector Length Connector Height As mm[1.12 in] Connector Height As mm[26 in] Wire Size 1.333 mm² Usage Conditions Operating Temperature Range S5 - 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 File Number E28476 | PCB Mount Alignment | Without |
| Mating Retention Type 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 28.45 mm[1.12 in] Connector Height 6.6 mm[.26 in] Wire Size 1.333 mm² Usage Conditions Operating Temperature Range -55 - 105 °C[-67 - 221 °F] Operation/Application Circuit Application Circuit Application Cache Signal Industry Standards CSA Rating Certified Glow Wire Rating UL Flammability Rating E28476 | Panel Mount Feature | Without |
| 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 28.45 mm[1.12 in] Connector Height 6.6 mm[.26 in] Wire Size | PCB Mount Retention | Without |
| 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 28.45 mm[1.12 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 UL File Number F28476 | Mating Retention Type | Latch |
| Housing Features Housing Material Nylon - GF Centerline (Pitch) 2.54 mm[.1 in] Housing Color Natural Dimensions Connector Length 28.45 mm[1.12 in] Connector Height 6.6 mm[.26 in] Wire Size | Mating Retention | With |
| Housing Material Centerline (Pitch) 2.54 mm[.1 in] Housing Color Natural Dimensions Connector Length Connector Height 6.6 mm[.26 in] Wire Size 1.333 mm² Usage Conditions Operating Temperature Range -55 - 105 °C[-67 - 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL File Number E28476 | Connector Mounting Type | Cable Mount (Free-Hanging) |
| Centerline (Pitch) Housing Color Natural Dimensions Connector Length Connector Height Connector Height Wire Size 1.333 mm² Usage Conditions Operating Temperature Range -55 - 105 °C[-67 - 221 °F] Operation/Application Circuit Application Circuit Application Circuit Application CSA Rating CSA Rating Clertified Glow Wire Rating UL File Number E28476 | Housing Features | |
| Housing ColorNaturalDimensionsConnector Length28.45 mm[1.12 in]Connector Height6.6 mm[.26 in]Wire Size.13 – .33 mm²Usage ConditionsOperating Temperature Range-55 – 105 °C[.67 – 221 °F]Operation/ApplicationCircuit ApplicationPower & SignalIndustry StandardsCertifiedCSA RatingCertifiedGlow Wire RatingStandard Part - Not Glow WireUL Flammability RatingUL 94V-0UL File NumberE28476 | Housing Material | Nylon - GF |
| Dimensions Connector Length 28.45 mm[1.12 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 | Centerline (Pitch) | 2.54 mm[.1 in] |
| Connector Length 28.45 mm[1.12 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 | Housing Color | Natural |
| Connector Height 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 | Dimensions | |
| Wire Size 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 Flammability Rating UL File Number E28476 | Connector Length | 28.45 mm[1.12 in] |
| 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 | Connector Height | 6.6 mm[.26 in] |
| 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 | Wire Size | .13 – .33 mm² |
| 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 | Usage Conditions | |
| 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 | Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
| Industry Standards CSA Rating Certified Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 UL File Number E28476 | Operation/Application | |
| CSA Rating Certified Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 UL File Number E28476 | Circuit Application | Power & Signal |
| Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 E28476 | Industry Standards | |
| UL Flammability Rating UL 94V-0 UL File Number E28476 | CSA Rating | Certified |
| UL File Number E28476 | Glow Wire Rating | Standard Part - Not Glow Wire |
| | UL Flammability Rating | UL 94V-0 |
| UL Rating Recognized | 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 2022 (223) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed |
| 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

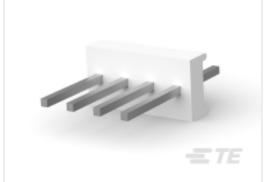




TE Part # CAT-104MTA-PRUSH
Polyester Right Angle PCB Header:
2.54mm, Unshrouded, MTA 100



TE Part # CAT-104MTA-PVUMH Polyester Vertical PCB Header: 2.54 mm, With Mating Alignment, Unshrouded



TE Part # CAT-104MTA-PVUNH
Polyester Vertical PCB Header: 2.54
mm, Unshrouded, No Mating
Alignment



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-PRUMH
Polyester Right Angle PCB Header:
2.54mm, Wire-to-Board, MTA 100



TE Part # CAT-104MTA-PVBRH
Polyester Vertical PCB Header: 2.54
mm, Breakaway, MTA 100



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



TE Part # 4-644694-1 11P MTA100 R/A HDR RETENTIVE



TE Part # CAT-104MTA-NVTHH

Nylong Vertical PCB Header: 2.54mm,
Through Hole, MTA 100



TE Part # CAT-104MTA-NRTHH

Nylon Right Angle PCB Header: 2.54

mm, Wire-to-Board, Through Hole,

MTA 100



TE Part # CAT-104MTA-NVSMH

Nylon Vertical PCB Header: 2.54mm,

Surface Mount, MTA 100



TE Part # 4-644892-1 11P CST100 SHRD HDR ASSY LF



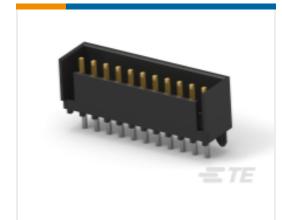
TE Part # 4-644893-1 11P CST100 SHRD HDR ASSY LF



TE Part # 4-644894-1 11P CST100 SHRD HDR ASSY LF



TE Part # 4-644896-1 11P CST100 SHRD HDR ASSY LF



TE Part # 4-644897-1 11P CST100 SHRD HDR ASSY LF



Customers Also Bought





TE Part #3-644486-0 10P MTA100 SHRDED HDR ASSY SN



TE Part #770849-7 07P SL156 HSG W/LCK RMP & TABS



TE Part #1-1375820-4 CST-100 II HOUSING 14 POS





TE Part #1-66099-3
III+ PIN,18-16,15AU/FL,SMPACK



TE Part #5787246-1 HDR ASY,RA,LKEY,STR TAIL,10.8V



TE Part #4-643816-0 10P MTA100 CONN ASSY POL RIB



TE Part #2-31890-1 PIDG R 22-16 COMM 22-18 MIL 8





Documents

Product Drawings

CST-100 II HOUSING 11 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1375820-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1375820-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1375820-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Housing, Receptacle, Wire-to-Wire, 11 Position, 2.54 mm [.1 in] Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable, Power & Signal



Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English