1-1375820-5 ACTIVE

CST

TE Internal #: 1-1375820-5

Housing, Receptacle, Wire-to-Wire, 15 Position, .1 in [2.54 mm]

Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable,

Power & Signal

View on TE.com >



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: 15

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	15
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC	

Body Features



Contact Retention Within Housing Without Contact Layout Inline Contact Type Socket Contact Current Rating (Max) / A Termination Features Termination Method to Wire & Cable Termination Method to Wire & Cable Crimp Mechanical Attachment Strain Relief Without Without PCB Mount Alignment Without Panel Mount Feature Without PGS Mount Retention Without Mating Retention Type Latch Multing Retention With Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Features Housing Material Nylon - GF Centerline (Pitch) 2.54 mm (1 in) Dimensions Connector Height 6.6 mm (25 in) Connector Height 6.6 mm (25 in) Wire Size 1.3 – 3.3 mm² Usage Conditions Operating Temperature Range 55 – 105 °C[67 – 221 °F] Operating Temperature Range 55 – 105 °C[67 – 221 °F] Operating Temperature Range 55 – 10	Primary Product Color	Natural
Contact Layout Inline Contact Type Socket Contact Current Rating (Max) 7 A Termination Features Termination Method to Wire & Cable Mechanical Attachment Strain Ratief Without PCB Mount Alignment Without Panel Mount Feature Without PCB Mount Retention Without Mating Retention Type I atch Mating Retention Type Cable Mount (Free-Hanging) Housing Features Housing Material Nylon - GF Centerline (Pitch) 2,54 mm[,1 in] Dimensions Connector Length 6,6 mm[,26 in] Wire Size 1,13 -,33 mm² Usage Conditions Operating Temperature Range 55 105 °C[67 221 °F] Operation/Application Circuit Application Standard Part - Not Glow Wire Compatible With Agency/Standards Products CSA, UI	Contact Features	
Contact Type Contact Current Rating (Max) 7 A Termination Features Lemination Method to Wire & Cable Mechanical Attachment Strain Relief Without PCB Mount Alignment Without Panel Mount Feature Without PGB Mount Retention Without Mating Retention Type Latch Mating Retention Type Cable Mount (Free-Hanging) Housing Features Housing Material Nylon - GF Centerline (Pitch) Dimensions Connector Height Assertion Size 1.333 mm² Usage Conditions Operation/Application Circuit Application Power & Signal Industry Standards Glow Wire Rating Standard Part - Not Glow Wire Conpatible With Agency/Standards Products CSA, UL	Contact Retention Within Housing	Without
Termination Features Termination Method to Wire & Cable Mechanical Attachment Strain Relief PCB Mount Alignment Panel Mount I sature PCB Mount Retention Mating Retention Type Latch Mating Retention Type Latch Mount (Free-Hanging) Housing Features Housing Material Centerline (Pitch) Dimensions Connector Height Mire Size Lage Conditions Operating Temperature Range Compatible With Agency/Standards Products Compatible With Agency/Standards Products Compatible With Agency/Standards Products Cirimp 7 A 7 A 7 A 7 A 7 A 7 A 7 A 7	Contact Layout	Inline
Termination Features Termination Method to Wire & Cable Mechanical Attachment Strain Relief Without PCB Mount Alignment PCB Mount Retention Mithout PCB Mount Retention Moting Retention Type Latch Mating Retention With Connector Mounting Type Cable Mount (I ree-Hanging) Housing Features I lousing Material Nylon - GI Centerline (Pitch) Dimensions Connector Length 38.61 mm[1.52 in] Connector Height 4.6 mm[.26 in] Wire Size 1.1333 mm² Usage Conditions Operation/Application Circuit Application Power & Signal Industry Standards Glow Wire Rating Standard Part - Not Glow Wire Conpatible With Agency/Standards Products Conpatible With Agency/Standards Products Conpatible With Agency/Standards Products Circuit Agelication Conpatible With Agency/Standards Products CSA, UL	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 atch 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 38.61 mm[1.52 in] Connector Height 6.6 mm[.26 in] Wire Size	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 - GF Centerline (Pitch) 2.54 mm[.1 in] Dimensions Connector Length 38.61 mm[1.52 in] Connector Height 6.6 mm[.26 in] Wire Size	Termination Features	
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 38.61 mm[1.52 in] Connector Height 6.6 mm[.26 in] Wire Size13 – .33 mm² Usage Conditions Operating Temperature Range 55 – 105 °C[67 – 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards Glow Wire Rating Standards Products CSA, UL	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] Dimensions Connector Length 38.61 mm[1.52 in] 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 Glow Wire Rating Standard Part - Not Glow Wire Compatible With Agency/Standards Products CSA, UL	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 (Pitch) Dimensions Connector Length Connector Height As An mm[1.52 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 Glow Wire Rating Standard Part - Not Glow Wire Compatible With Agency/Standards Products CSA, UL	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) 2.54 mm[.1 in] Dimensions Connector Length 38.61 mm[1.52 in] Connector Height 6.6 mm[.26 in] Wire Size 1.1333 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	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] Dimensions Connector Length 38.61 mm[.26 in] Connector Height 6.6 mm[.26 in] Wire Size .1333 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	Panel Mount Feature	Without
Mating Retention Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material Nylon - GF Centerline (Pitch) 2.54 mm[.1 in] Dimensions Connector Length 38.61 mm[1.52 in] 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 Glow Wire Rating Standard Part - Not Glow Wire Compatible With Agency/Standards Products CSA, UL	PCB Mount Retention	Without
Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material Nylon - GF 2.54 mm[.1 in] Dimensions Connector Length 38.61 mm[1.52 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	Mating Retention Type	Latch
Housing Features Housing Material Nylon - GF Centerline (Pitch) 2.54 mm[.1 in] Dimensions Connector Length 38.61 mm[1.52 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 Standards Products CSA, UL.	Mating Retention	With
Housing Material Centerline (Pitch) 2.54 mm[.1 in] Dimensions Connector Length 38.61 mm[1.52 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 Power & Signal Industry Standards Glow Wire Rating Standard Part - Not Glow Wire Compatible With Agency/Standards Products CSA, UL	Connector Mounting Type	Cable Mount (Free-Hanging)
Centerline (Pitch) Dimensions Connector Length Connector Height Connector Height 6.6 mm[.26 in] Wire Size .1333 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	Housing Features	
Dimensions Connector Length 38.61 mm[1.52 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	Housing Material	Nylon - GF
Connector Length 38.61 mm[1.52 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	Centerline (Pitch)	2.54 mm[.1 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	Dimensions	
Wire Size 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	Connector Length	38.61 mm[1.52 in]
Usage Conditions Operating Temperature Range	Connector Height	6.6 mm[.26 in]
Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards Glow Wire Rating Standards Products CSA, UL	Wire Size	.13 – .33 mm²
Operation/Application Circuit Application Power & Signal Industry Standards Glow Wire Rating Standard Part - Not Glow Wire Compatible With Agency/Standards Products CSA, UL	Usage Conditions	
Circuit Application Industry Standards Glow Wire Rating Compatible With Agency/Standards Products Power & Signal Standard Part - Not Glow Wire CSA, UL	Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Industry Standards Glow Wire Rating Standard Part - Not Glow Wire Compatible With Agency/Standards Products CSA, UL	Operation/Application	
Glow Wire Rating Compatible With Agency/Standards Products Standard Part - Not Glow Wire CSA, UL	Circuit Application	Power & Signal
Compatible With Agency/Standards Products CSA, UL	Industry Standards	
	Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating UL 94V-0	Compatible With Agency/Standards Products	CSA, UL
	UL Flammability Rating	UL 94V-0



Packaging Quantity	1
Packaging Method	Package

Product Compliance

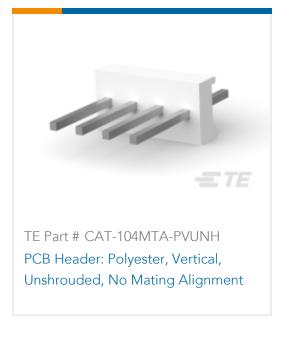
For compliance documentation, visit the product page on TE.com>

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) 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









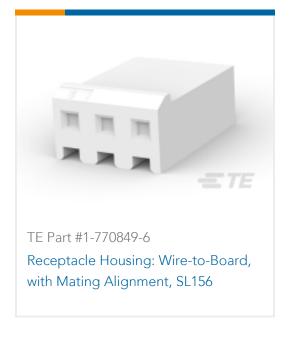








Customers Also Bought





Documents

Product Drawings

CST-100 II HOUSING 15 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1375820-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1375820-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1375820-5_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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

Housing, Receptacle, Wire-to-Wire, 15 Position, .1 in [2.54 mm] Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable, Power & Signal



CSA Certificate

English