# 2-1375820-0 ACTIVE

#### CST

TE Internal #: 2-1375820-0

Housing, Receptacle, Wire-to-Wire, 20 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: 20

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	20
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	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Nylon - GF
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Connector Length	51.31 mm[2.02 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
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: JAN 2023 (233) Candidate List Declared Against: JAN 2021 (211) 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

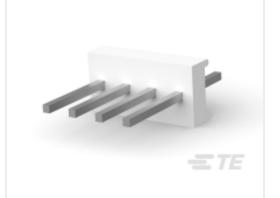
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-PLSCC
Polyester PCB Connector Covers: 2.54
mm, MTA 100



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



TE Part # 2-640454-0 20P MTA100 HDR ASSY SQ STR POL



Nylon PCB Connector Covers: 2.54 mm, MTA 100



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



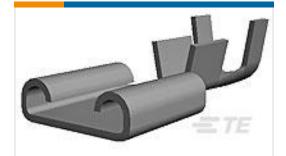
# Customers Also Bought



TE Part #1-1375820-2 Receptacle Housing: 2.54mm, 1 Row, CST-100 II



TE Part #350214-1 16P CMNL HDR ASSY PC NATL



TE Part #6-160432-0 250 FASTON REC 20-16 AWG TPBZ



TE Part #350078-1 CMNL SOK 30-22 PTPBR



MINI UMNL PIN SN 22-18 AWG



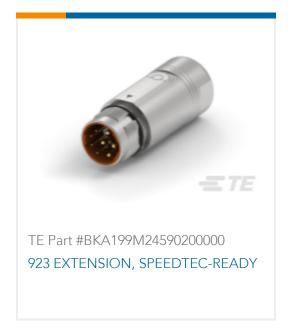
TE Part #1375819-1 CST-100 II CONTACT TIN PLT



TE Part #1-1586359-0 10P MINIUMNL GANG WIRE SEAL DR



TE Part #2106091-2 3 pos Inverted Thru Board SMT Header



### **Documents**



### **Product Drawings**

CST-100 II HOUSING 20 POS

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2-1375820-0\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-1375820-0\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-1375820-0\_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 - CST-100 II Connectors

English

### **Product Environmental Compliance**

**TE Material Declaration** 

English

### **Instruction Sheets**

Instruction Sheet (U.S.)

English

## **Agency Approvals**

**CSA Certificate** 

English