



CST

TE Internal #: 1375820-6

Housing, Receptacle, Wire-to-Wire, 6 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: **6**

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	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

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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
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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	15.75 mm[.62 in]
Connector Height	6.6 mm[.26 in]
Wire Size	.13 – .33 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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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.
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Product Compliance

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


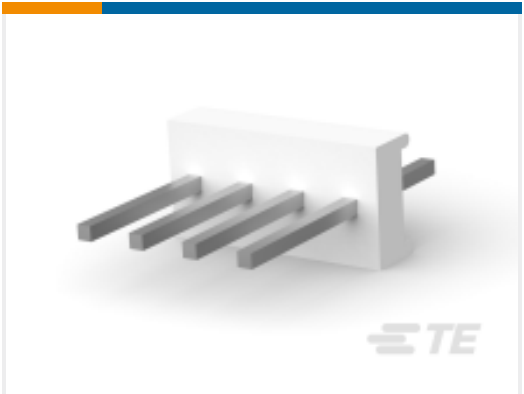



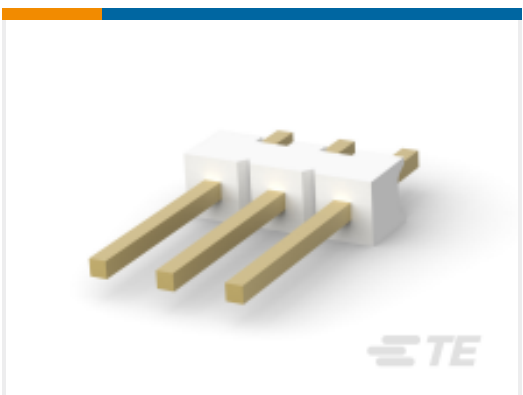

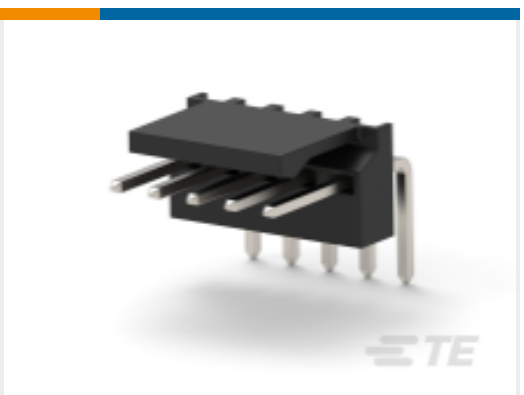




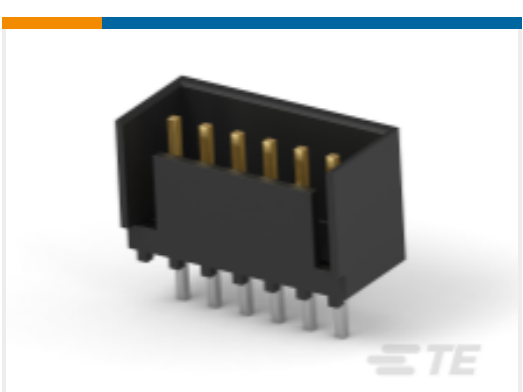
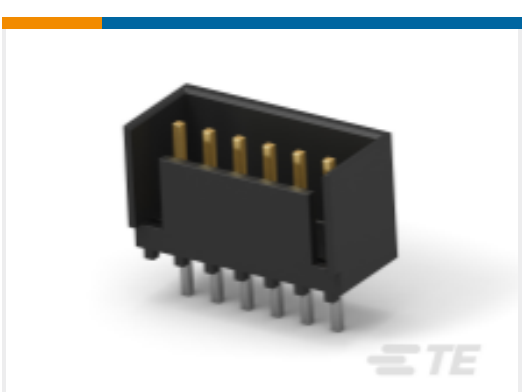
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > 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



 <p>TE Part # CAT-104MTA-PRUMH Polyester Right Angle PCB Header: 2.54mm, Wire-to-Board, MTA 100</p>	 <p>TE Part # CAT-104MTA-PVUNH Polyester Vertical PCB Header: 2.54 mm, Unshrouded, No Mating Alignment</p>	 <p>TE Part # CAT-104MTA-NVTHH Nylong Vertical PCB Header: 2.54mm, Through Hole, MTA 100</p>	 <p>TE Part # CAT-104MTA-PRUSH Polyester Right Angle PCB Header: 2.54mm, Unshrouded, MTA 100</p>
 <p>TE Part # CAT-104MTA-NVSMH Nylon Vertical PCB Header: 2.54mm, Surface Mount, MTA 100</p>	 <p>TE Part # CAT-104MTA-PVUMH Polyester Vertical PCB Header: 2.54 mm, With Mating Alignment, Unshrouded</p>	 <p>TE Part # CAT-104MTA-PLSCC Polyester PCB Connector Covers: 2.54 mm, MTA 100</p>	 <p>TE Part # CAT-104MTA-NYLCC Nylon PCB Connector Covers: 2.54 mm, MTA 100</p>
 <p>TE Part # CAT-104MTA-PVBRH Polyester Vertical PCB Header: 2.54 mm, Breakaway, MTA 100</p>	 <p>TE Part # 3-644694-6 06P MTA100 R/A HDR RETENTIVE</p>	 <p>TE Part # CAT-104MTA-NRTHH Nylon Right Angle PCB Header: 2.54 mm, Wire-to-Board, Through Hole, MTA 100</p>	 <p>TE Part # 3-644892-6 06P CST100 SHRD HDR ASSY LF</p>
 <p>TE Part # CAT-104CST-RCPHS Receptacle Housing: 2.54mm, 1 Row, CST-100 II</p>	 <p>TE Part # 3-644893-6 06P CST100 SHRD HDR ASSY LF</p>	 <p>TE Part # 3-644897-6 06P CST100 SHRD HDR ASSY LF</p>	 <p>TE Part # 3-644894-6 06P CST100 SHRD HDR ASSY LF</p>
 <p>TE Part # 3-644896-6 06P CST100 SHRD HDR ASSY LF</p>	 <p>TE Part # 3-644898-6 06P CST100 SHRD HDR ASSY LF</p>		

Customers Also Bought



TE Part #1-1375820-0
Receptacle Housing: 2.54mm, 1 Row, CST-100 II

TE Part #535070-5
048 EURO TYPE C RECEPT ST ASSY

TE Part #102100-5
MOD I RECP STMPD

TE Part #2273011-3
M8 x 1.0 Angled socket Pigtail

TE Part #1-111196-5
080 RCPT SYSTEM 50 30 DPLX

Documents

Product Drawings
CST-100 II HOUSING 6 POS

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1375820-6_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1375820-6_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1375820-6_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_1375820-6_09072018249_dmtec

English

MD_1375820-6_09072018249_dmtec

English

1375820-6

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Instruction Sheets

Instruction Sheet (U.S.)

English