



CST

TE Internal #: 1375820-7

Housing, Receptacle, Wire-to-Wire, 7 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 > CST-100 II Receptacle Housing



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Wire**

Number of Positions: **7**

Centerline (Pitch): **2.54 mm [.1 in]**

[All CST-100 II Receptacle Housing \(31\)](#)

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	7
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Layout	Inline
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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	18.29 mm[.72 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
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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>

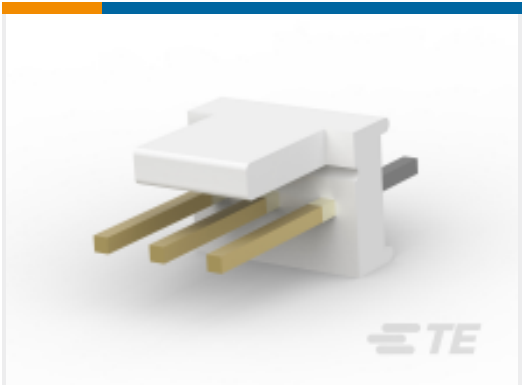
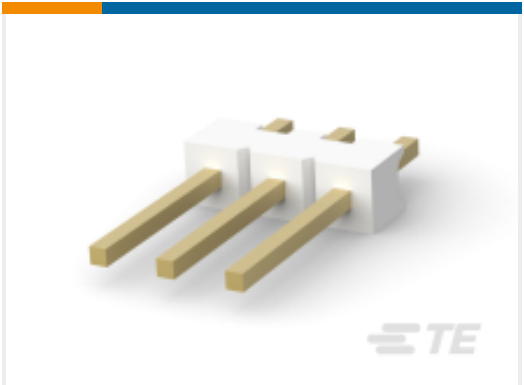
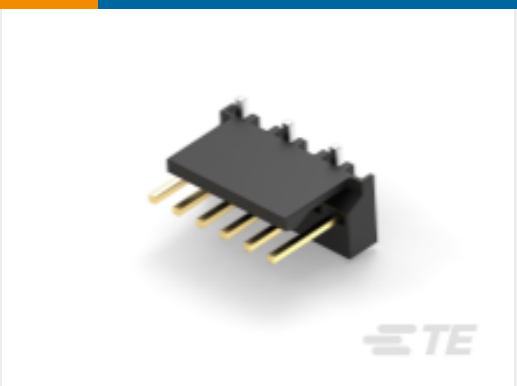
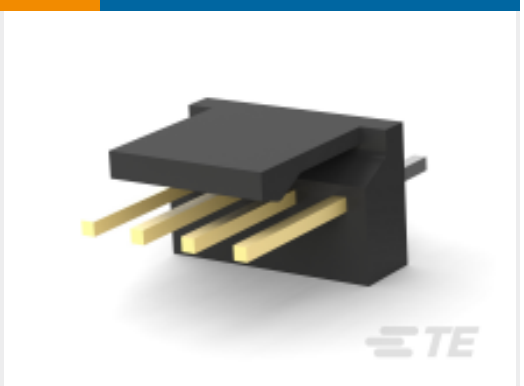
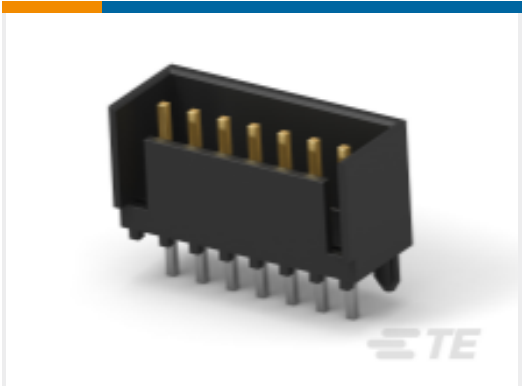
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2021 (211) SVHC > 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-PVUMH MTA Header: Polyester Vtcl Unshr. MA	 TE Part # CAT-104MTA-PVBRH MTA Header: Polyester Vertical Breakaway	 TE Part # CAT-104MTA-PLSCC MTA 100 Connector Cover: Polyester	 TE Part # CAT-104MTA-PRUMH MTA Header: Polyester R. Angle Unshr. MA
 TE Part # CAT-104MTA-PRUSH MTA Header: Polyester Right Angle Unshr.	 TE Part # CAT-104MTA-PVUNH MTA Header: Polyester Vtcl Unshr. No MA	 TE Part # CAT-104MTA-NYLCC MTA 100 Connector Cover: Nylon	 TE Part # CAT-104MTA-NVSMH MTA Header: Nylon Vertical Surface Mt.
 TE Part # 1744329-1 CST-100 II HOUSING 6 P,#3 OMIT	 TE Part # 3-644694-7 07P MTA100 R/A HDR RETENTIVE	 TE Part # CAT-104MTA-NVTHH MTA Header: Nylon Vertical Through Hole	 TE Part # CAT-104MTA-NRTHH MTA Header: Nylon Right Angle TH
 TE Part # 3-644892-7 07P CST100 SHRD HDR ASSY LF	 TE Part # 3-644893-7 07P CST100 SHRD HDR ASSY LF	 TE Part # 3-644894-7 07P CST100 SHRD HDR ASSY LF	 TE Part # 3-644896-7 07P CST100 SHRD HDR ASSY LF
 TE Part # 3-644897-7 07P CST100 SHRD HDR ASSY LF	 TE Part # 3-644898-7 07P CST100 SHRD HDR ASSY LF		

Documents

Product Drawings
CST-100 II HOUSING 7 POS



English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1375820-7_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1375820-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1375820-7_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_1375820-7_0612201871_dmtec

English

MD_1375820-7_0612201871_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English