



CST

TE Internal #: 1375820-8

Housing, Receptacle, Wire-to-Wire, 8 Position, 2.54 mm [.1 in]

Centerline, Crimp, 1 Row, Natural, 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: **8**

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

All Receptacle Housing: 2.54mm, 1 Row, CST-100 II (24)

Features

Electrical Characteristics

Operating Voltage	250 VAC
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Industry Standards

Compatible With Agency/Standards Products	UL, CSA
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Dimensions

Connector Height	6.6 mm[.26 in]
Wire Size	26 – 22 AWG
Connector Length	20.83 mm[.82 in]



Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Socket
Contact Current Rating (Max)	7 A

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Latch
PCB Mount Retention	Without
PCB Mount Alignment	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon - GF
Centerline (Pitch)	2.54 mm[.1 in]

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	8
Number of Rows	1

Body Features

Primary Product Color	Natural
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Termination Features

Termination Method to Wire & Cable	Crimp
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Usage Conditions

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



Circuit Application	Power & Signal
Other	
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 3-644896-8
08P CST100 SHRD HDR ASSY LF

TE Part # CAT-104MTA-NVTHH
Nylong Vertical PCB Header: 2.54mm, Through Hole, MTA 100

TE Part # 3-644897-8
08P CST100 SHRD HDR ASSY LF

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



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

TE Part # 3-644456-8
08P MTA100 HDR ASSY (NARROW)

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 # 640455-8
08P MTA100 HDR ASSY SQ R/A POL

TE Part # 647508-6
CST 100 II HSG,SPEC,BLOCK CIR

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

TE Part # 3-644892-8
08P CST100 SHRD HDR ASSY LF

TE Part # CAT-104MTA-NVSMH
PCB Header: Nylon, Vertical, Surface Mount, MTA 100

Customers Also Bought

TE Part #EC0076-000
05801936

TE Part #EC0051-000
05801911

TE Part #1825006-4
GDS02STR04=DIP SW,SLIDE,SMT,TR

TE Part #3-640599-4
04P MTA156 CONN ASSY 18AWG ORA

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

TE Part #EC0053-000
05801913

TE Part #574860
DAHT FASTON 24-20 ASSY

TE Part #1445336-1
LOOSE PC CONTACT TIN PLATED

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1375820-8_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1375820-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1375820-8_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

CSA Certificate

English