1-1375820-8 ✔ ACTIVE

CST

TE Internal #: 1-1375820-8

Housing, Receptacle, Wire-to-Wire, 18 Position, 2.54 mm [.1 in] 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: **18**

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

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

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	18
Number of Rows	1

Housing Features

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

Termination Features

Termination Method to Wire & Cable	Crimp

Body Features

Primary Product Color	Natural

Mechanical Attachment

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

Contact Features

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

Operation/Application

Circuit Application	Power & Signal

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	250 VAC

Dimensions

Connector Height	6.6 mm[.26 in]
Wire Size	26 – 22 AWG
Connector Length	46.23 mm[1.82 in]

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

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

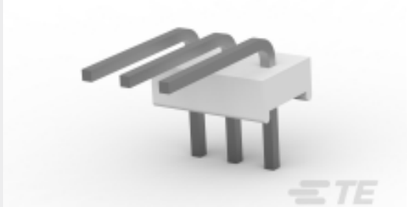
Product Compliance Disclaimer

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



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



TE Part # 1-640550-8
18P MTA100 COVER



TE Part # CAT-104MTA-NYLCC
Nylon PCB Connector Covers: 2.54 mm, MTA 100



TE Part # 1-640454-8
18P MTA100 HDR ASSY SQ STR POL

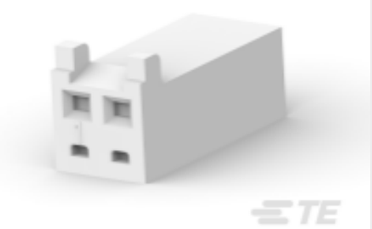


TE Part # 1-640455-8
18P MTA100 HDR ASSY SQ R/A POL

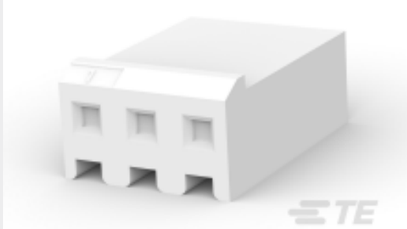


TE Part # 1-647557-8
CST-100 II HSG 18 POS #2 BLKD

Customers Also Bought



TE Part #1375820-3
Receptacle Housing: 2.54mm, 1 Row, CST-100 II



TE Part #770849-4
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



TE Part #770258-1
SL.156 .045 POST CONTACT AU



TE Part #1393114-1
KUEP-3D15-24=KU-



TE Part #9-1393243-9
RT444024



TE Part #152435-000
CWT-5-W122-5

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1375820-8_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1375820-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1375820-8_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