1375820-8 ✔ ACTIVE

CST

TE Internal #: 1375820-8

8 Position, Receptacle, Housing, Crimp, Wire-to-Wire, UL 94V-0, 2.54 mm [.1 in] Centerline, 1 Row, 250 VAC, Wire & Cable, Power & Signal

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors > Receptacle Housing: 2.54mm, 1 Row, CST-100 II







Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention: **With**

Mating Retention Type: **Latch**

Termination Method to Wire & Cable: **Crimp**

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	8
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Natural

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	6.6 mm[.26 in]
Connector Length	20.83 mm[.82 in]
Wire Size	.13 – .33 mm^2

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

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

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 3-644456-8
08P MTA100 HDR ASSY (NARROW)



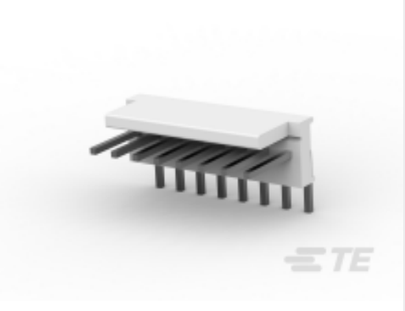
TE Part # CAT-104MTA-PRUSH
PCB Header: Polyester, Right Angle, Unshrouded



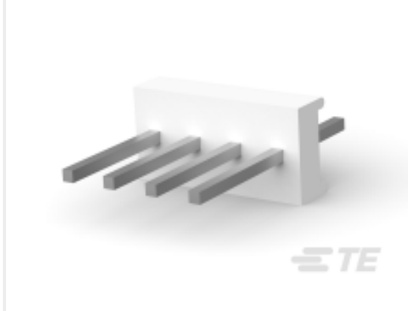
TE Part # CAT-104MTA-PLSCC
Polyester PCB Connector Covers: 2.54 mm, MTA 100



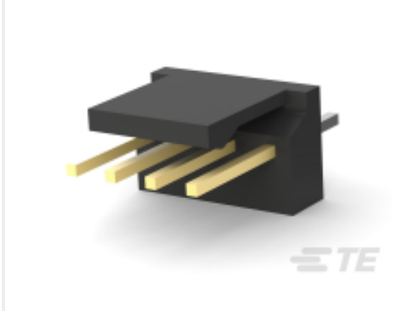
TE Part # CAT-104MTA-NYLCC
Nylon PCB Connector Covers: 2.54 mm, MTA 100



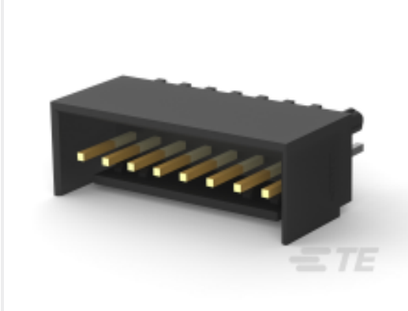
TE Part # 640455-8
08P MTA100 HDR ASSY SQ R/A POL



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



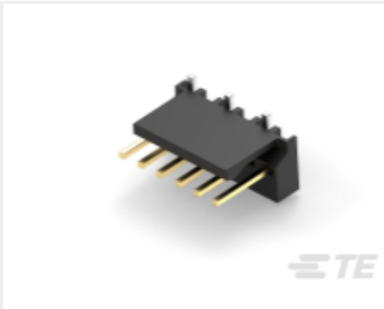
TE Part # CAT-104MTA-NVTHH
Nylong Vertical PCB Header: 2.54mm, Through Hole, MTA 100



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



TE Part # 3-644896-8
08P CST100 SHRD HDR ASSY LF



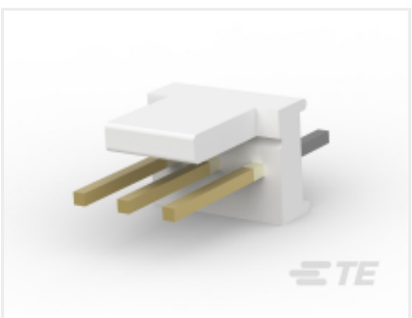
TE Part # CAT-104MTA-NVSMH
PCB Header: Nylon, Vertical, Surface Mount, MTA 100



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



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



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

Customers Also Bought



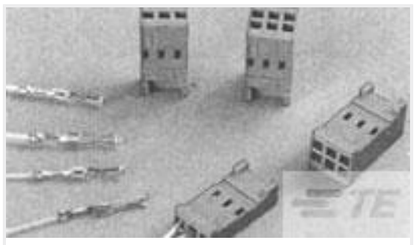
TE Part #GA10K3A1IB
DISCRETE 10K OHMS,+/-0.2C FROM 0C TO 70C



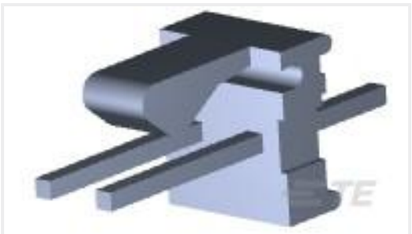
TE Part #NB13404001
RNF-100-3/4-RD-FSP



TE Part #5-102589-5
50 MODII 2PC HDR DRRA SHRD, ROHS



TE Part #1-281839-0
HOUSING HE13 HE14 COSI 2X10 P



TE Part #641215-2
02P MTA100 HDR ASSY FL/ST 30AU



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



TE Part #1982299-2
ELCON MINI 2P CABLE CONN,WITH CODING(L)

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

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Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

CSA Certificate

English