# 1-1375820-0 ✔ ACTIVE

CST

TE Internal #: 1-1375820-0

10 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 | 10 |
| 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 |

## Dimensions

| | |
|---|---|
| Connector Height | 6.6 mm[.26 in] |
| Connector Length | 25.91 mm[1.02 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

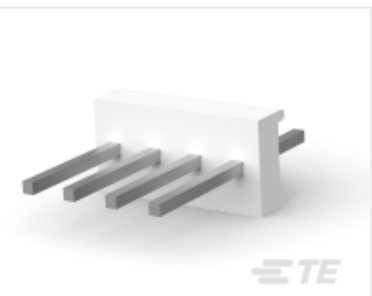
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 # CAT-104MTA-PVUNH
PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment



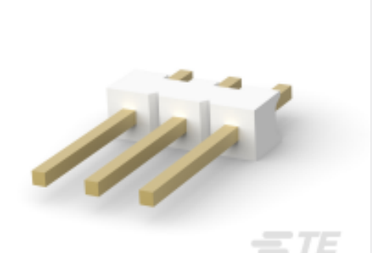
TE Part # 4-647050-0
10P MTA100 HDR ASSY F/L HITEMP



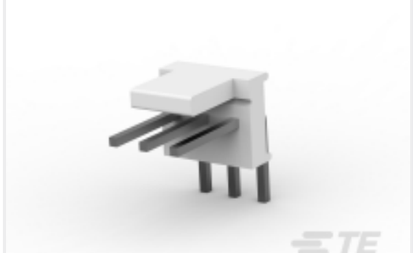
TE Part # CAT-104MTA-PLSCC
Polyester PCB Connector Covers: 2.54 mm, MTA 100



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



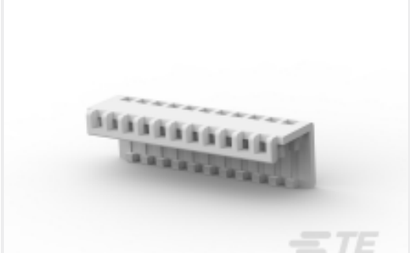
TE Part # CAT-104MTA-PVBRH
Polyester Vertical PCB Header: 2.54 mm, Breakaway, MTA 100



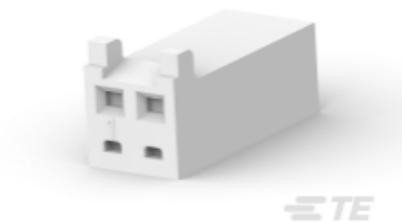
TE Part # CAT-104MTA-PRUMH
PCB Header: Polyester, Right Angle, 2.54 mm



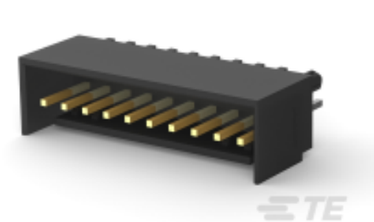
TE Part # 4-644694-0
10P MTA100 R/A HDR RETENTIVE



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



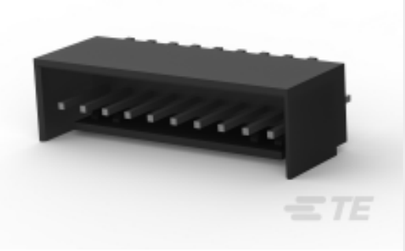
TE Part # CAT-104CST-RCPHS
Receptacle Housing: 2.54mm, 1 Row, CST-100 II



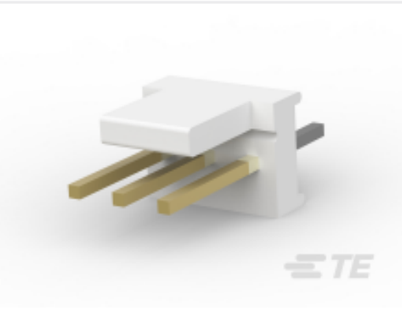
TE Part # 4-644897-0
10P CST100 SHRD HDR ASSY LF



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



TE Part # 4-644892-0
10P CST100 SHRD HDR ASSY LF

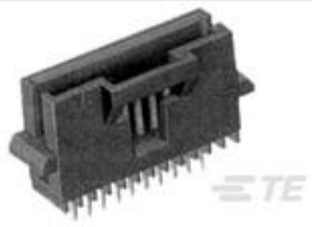


TE Part # CAT-104MTA-PVUMH
PCB Header: Polyester, Vertical, 2.54 mm

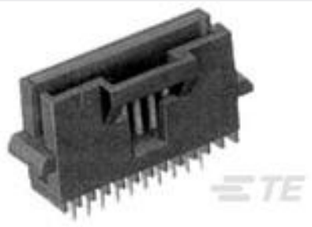
## Customers Also Bought



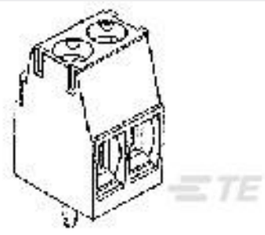
TE Part #2-36149-2
PIDG R 22-16 COM 22-18 MIL 6



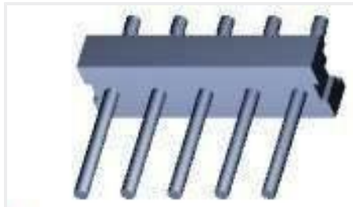
TE Part #5-104071-2
05 SYSTEM 50 HDR SRST SHRD SN



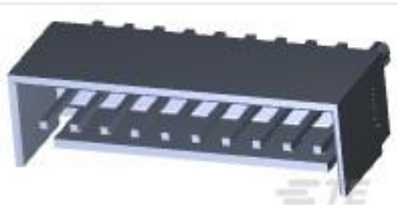
TE Part #6-104071-0
08 SYSTEM 50 HDR SRST SHRD SN



TE Part #284392-3
TERMI-BLOK PCB SIDE ENTRY STAC



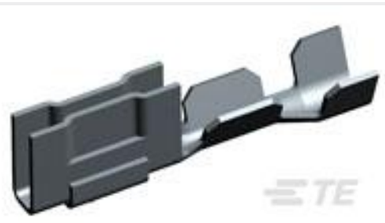
TE Part #640384-5
05P MTA156 HDR ASSY STR RND SN



TE Part #4-644897-0
10P CST100 SHRD HDR ASSY LF



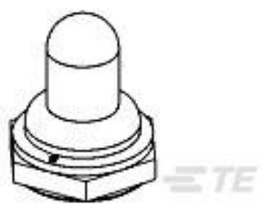
TE Part #4-794637-0
10P MICRO MNL ASSY,VRT,SMT LF



TE Part #1375819-1
CST-100 II CONTACT TIN PLT



TE Part #1375820-7
CST-100 II HOUSING 7 POS



TE Part #1825612-1
B1440004=Boot,Toggle

## Documents

## CAD Files

### 3D PDF

3D

### Customer View Model

ENG_CVM_CVM_1-1375820-0_A.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_1-1375820-0_A.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_1-1375820-0_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