1375820-9 ACTIVE

CST

TE Internal #: 1375820-9

Housing, Receptacle, Wire-to-Wire, 9 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: 9

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

All Receptacle Housing: 2.54mm, 1 Row, CST-100 II (31)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System V	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To W	Wire & Cable

Configuration Features

Number of Positions	9
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC	

Contact Features



Contect Retention Within Housing Without Contect Type Scoker Contact Current Rating (Mux) 7 A Termination Features Termination Method to Wire & Cable Crimp Mechanical Attachment Strain Rollef Without Without Without PCR Mount Alignment Without Without Without PCR Mount Retention Without Without PCR Mount Retention With Connector Mounting Type Cable Mount (Free-Hanging) Housing Retention Contenting Type Contenting Material Nylon - GF Contenting (Pitch) 2.54 mm, 1 in j Housing Color Natural Dimensions Connector Length 23.37 mm, 92 in j Connector Height 6.4 mm 26 in j Wire Size 13 - 33 mm² Usage Conditions Operating Temperature Range 55 - 105 °C[67 - 221 °F] Operation/Application Power & Signal Industry Standards CSA Rating Certified Glow Wire Rating Standard Part - Not Glow Wire UL Flor Number Le28476 UL Rating Recognized	Contact Layout	Inline
Contact Type Contact Current Rating (Max) 7 A Termination Features Termination Method to Wire & Cable Mechanical Attachment Strain Relief Without PCB Mount Alignment Without Panel Mount Feature Without Panel Mount Retention Without Mating Retention Type Latch Mating Retention Type Latch Mount Genetor Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material Centerline (Pitch) 2.54 mm[.1 in] Heusing Color Netural Dimensions Connector Length Connector Leng		Without
Termination Features Termination Method to Wire & Cable Mechanical Attachment Strain Rollef Without PCB Mount Alignment Without Panel Mount Feature Without PCB Mount Retantion Without Mating Retention Type Latch Mating Retention With Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material Nylon - GF Certerline (Pitch) 2,54 mm(,1 in) Housing Color Natural Dimensions Connector Length 23,37 mm(,97 in) Connector Leight 6,6 mm, 25 in) Wire Size 1333 mm² Usage Conditions Operating Lemperature Range -55 - 105 °C[-67 - 221 °F] Operation/Application Circuit Application Circuit Application Circuit Application Circuit Application Circuit Application Circuit Applicating Standard Part - Not Glow Wire UL Hammability Rating UL 94V-0 UL File Number E28476	Contact Type	Socket
Mechanical Attachment Strain Relief Without PCB Mount Alignment Without Panel Mount Feature Without PCB Mount Retention Without Mating Retention Type Latch Maring Retention With Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material Nylon - GF Centerline (Pitch) 2.54 mml, 1 inf Housing Color Natural Dimensions Connector Length 23.37 mml, 92 inf Connector Height 6.6 mml, 26 inf With 8.1333 mm² Usage Conditions Operating Temperature Range -55 - 105 °C -67 - 221 °T Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Certified Glow Wire Rating UL 94V-0 UL Flammability Rating Each of the signal in the sign	Contact Current Rating (Max)	7 A
Mechanical Attachment Strain Rollicf PGB Mount Alignment Panel Mount Feature PCB Mount Retention Mating Retention Type Latch Mating Retention With Connector Mounting Type Cable Mount (I ree-Hanging) Housing Features Housing Material Nylon - GF Centerline (Pitch) 2.54 mm[.1 in] Housing Color Natural Dimensions Connector Length Connector Height A6.6 mm[.26 in] Wire Size Jan. 33 mm² Usage Conditions Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Glow Wire Rating UL File Number E28476	Termination Features	
Strain Relief Without PCB Mount Alignment Without Panel Mount I eature Without PCB Mount Retention Without Mating Retention Type Latch Mating Retention With Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Housing Material Nylon - GI Centerline (Pitch) 2.54 mm[.1 in] Housing Color Natural Dimensions Connector Length 23.37 mm[.92 in] Connector Height 6.6 mm[.26 in] Wire Size .13 – .33 mm² Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Certified Glow Wire Rating UL 94V 0 UL Flammability Rating UL 94V 0 UL Flammability Rating UL 94V 0 UL Flammability Rating Page Page A signal Industry Standard Part - Not Glow Wire UL 94V 0 UL Flammability Rating UL 94V 0 UL Flammability Rating UL 94V 0 UL Flammability Rating Flammability Rating Page Page Page Page Page Page Page Pag	Termination Method to Wire & Cable	Crimp
PCB Mount Alignment Without Panel Mount Feature Without PCB Mount Retartion 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 mml.1 in Housing Color Natural Dimensions Connector Length Connector Height 6.6 mm[.26 in] Wire Size 1.3 – .33 mm² Usage Conditions Operating Temperature Range 55 - 105 °C 67 - 221 °F Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Glow Wire Rating UL Plammability Rating UL Flammability Rating UL Plammability Rating UL Flammability Rating UL Flammability Rating UL Flammability Rating	Mechanical Attachment	
Panel Mount Feature PCB Mount Retention 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 Connector Height 6.6 mm[.26 in] Wire Size .13 – .33 mm² Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °Г] Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Glow Wire Rating UL Plammability Rating UL File Number E28476	Strain Relief	Without
PCB Mount Retention 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 23.37 mm[.92 in] Connector Height 6.6 mm[.26 in] Wire Size 1.333 mm² Usage Conditions Operating Temperature Range -55 - 105 °C[-67 - 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Certified Glow Wire Rating UL Flammability Rating	PCB Mount Alignment	Without
Mating Retention With Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Wylon - GF Housing Material Nylon - GF Centerline (Pitch) 2.54 mm[.1 in] Housing Color Natural Dimensions Connector Length Connector Height 6.6 mm[.92 in] Wire Size .1333 mm² Usage Conditions Operating Temperature Range Operating Temperature Range .55 - 105 °C[.67 - 221 °F] Operation/Application Power & Signal Industry Standards Certified Glow Wire Rating Standard Part · Not Glow Wire UL Flammability Rating UL 94V-0 UL File Number E28476	Panel Mount Feature	Without
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 23.37 mm[.92 in] Connector Height 6.6 mm[.26 in] Wire Size	PCB Mount Retention	Without
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 23.37 mm[.92 in] Connector Height 6.6 mm[.26 in] Wire Size .1333 mm² Usage Conditions Operating Temperature Range -55 - 105 °C[-67 - 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Cortified Glow Wire Rating UL File Number Cable Mount (Free-Hanging) Nylon - GF 2.54 mm[.1 in] Natural 2.55 mm[.92 in] 6.6 mm[.26 in] Power & Signal Certified UL File Number E28476	Mating Retention Type	Latch
Housing Features Housing Material Nylon - GF Centerline (Pitch) 2.54 mm[.1 in] Housing Color Natural Dimensions Connector Length 23.37 mm[.92 in] Connector Height 6.6 mm[.26 in] Wire Size	Mating Retention	With
Housing Material Centerline (Pitch) 2.54 mm[.1 in] Housing Color Natural Dimensions Connector Length Connector Height Connector Height Mire Size 1.333 mm² Usage Conditions Operating Temperature Range Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Glow Wire Rating UL Flammability Rating UL File Number Natural Natural Natural Application Natural Application Capperation (26 in) Application Circuit Application Power & Signal Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 UL File Number	Connector Mounting Type	Cable Mount (Free-Hanging)
Centerline (Pitch) Housing Color Natural Dimensions Connector Length Connector Height Connector Height Wire Size 1333 mm² Usage Conditions Operating Temperature Range -55 - 105 °C[67 - 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Certified Glow Wire Rating UL Flammability Rating UL File Number E28476	Housing Features	
Housing ColorDimensionsConnector Length23.37 mm[.92 in]Connector Height6.6 mm[.26 in]Wire Size.13 – .33 mm²Usage ConditionsOperating Temperature Range-55 – 105 °C[.67 – 221 °F]Operation/ApplicationCircuit ApplicationPower & SignalIndustry StandardsCertifiedCSA RatingCertifiedGlow Wire RatingStandard Part - Not Glow WireUL Flammability RatingUL 94V-0UL File NumberE28476	Housing Material	Nylon - GF
Dimensions Connector Length 23.37 mm[.92 in] Connector Height 6.6 mm[.26 in] Wire Size .1333 mm² Usage Conditions Operating Temperature Range -55 - 105 °C[-67 - 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Certified Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 UL File Number E28476	Centerline (Pitch)	2.54 mm[.1 in]
Connector Length 23.37 mm[.92 in] Connector Height 6.6 mm[.26 in] Wire Size .13 – .33 mm² Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Certified Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 UL File Number E28476	Housing Color	Natural
Connector Height Wire Size .13 – .33 mm² Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Certified Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 UL File Number E28476	Dimensions	
Wire Size Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Certified Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 UL File Number E28476	Connector Length	23.37 mm[.92 in]
Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Certified Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 UL File Number E28476	Connector Height	6.6 mm[.26 in]
Operating Temperature Range Operation/Application Circuit Application Power & Signal Industry Standards CSA Rating Coertified Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 UL File Number E28476	Wire Size	.13 – .33 mm²
Operation/ApplicationCircuit ApplicationPower & SignalIndustry StandardsCertifiedCSA RatingCertifiedGlow Wire RatingStandard Part - Not Glow WireUL Flammability RatingUL 94V-0UL File NumberE28476	Usage Conditions	
Circuit Application Power & Signal Industry Standards CSA Rating Certified Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 UL File Number E28476	Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Industry Standards CSA Rating Certified Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 UL File Number E28476	Operation/Application	
CSA Rating Certified Glow Wire Rating Standard Part - Not Glow Wire UL Flammability Rating UL 94V-0 UL File Number E28476	Circuit Application	Power & Signal
Glow Wire Rating UL Flammability Rating UL 94V-0 UL File Number E28476	Industry Standards	
UL Flammability Rating UL 94V-0 UL File Number E28476	CSA Rating	Certified
UL File Number E28476	Glow Wire Rating	Standard Part - Not Glow Wire
	UL Flammability Rating	UL 94V-0
UL Rating Recognized	UL File Number	E28476
	UL Rating	Recognized



Agency/Standard	CSA, UL
CSA File Number	LR 7189
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.

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) 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-PVUMH
PCB Header: Polyester, Vertical, 2.54
mm



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



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



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



TE Part # CAT-104MTA-NVTHH

Nylong Vertical PCB Header: 2.54mm,

Through Hole, MTA 100



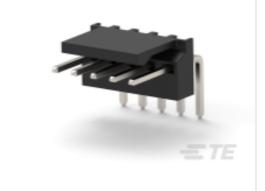
TE Part # CAT-104MTA-PRUMH
PCB Header: Polyester, Right Angle,
2.54 mm



TE Part # CAT-104MTA-NVSMH Nylon Vertical PCB Header: 2.54mm, Surface Mount, MTA 100



TE Part # 3-644694-9
09P MTA100 R/A HDR RETENTIVE



TE Part # CAT-104MTA-NRTHH
PCB Header: Nylon, Right Angle, 2.54
mm



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



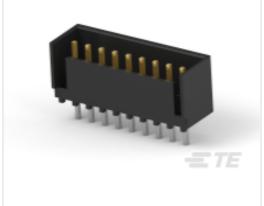
TE Part # 3-644892-9 09P CST100 SHRD HDR ASSY LF



TE Part # 3-644893-9 09P CST100 SHRD HDR ASSY LF



TE Part # 3-644894-9 09P CST100 SHRD HDR ASSY LF



TE Part # 3-644896-9 09P CST100 SHRD HDR ASSY LF



TE Part # 3-644897-9 09P CST100 SHRD HDR ASSY LF



TE Part # 3-644898-9 09P CST100 SHRD HDR ASSY LF

Documents

Product Drawings
CST-100 II HOUSING 9 POS



English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1375820-9_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1375820-9_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1375820-9_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_1375820-9_0612201872_dmtec

English

MD_1375820-9_0612201872_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English