292180-1 ✔ ACTIVE

CT Hybrid Drawer

TE Internal #: 292180-1

CT Hybrid Drawer, Connector Assembly, Plug to Plug Relay Header, Wire-to-Wire, 6 Position, 2mm [.079in] Centerline, Crimp, 2 Row, Black Housing Color

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Plug to Plug Relay Header**

Connector System: **Wire-to-Wire**

Number of Positions: **6**

Centerline (Pitch): **2 mm [.079 in]**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Plug to Plug Relay Header
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Power Positions	2
Number of Signal Positions	4
Number of Positions	6
Number of Rows	2

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	1800 VAC
Insulation Resistance	100 MΩ
Operating Voltage	250 VAC
UL Voltage Rating	250 VAC

Body Features

Drawer Style	Miniature Power

Contact Features

Contact Type	Pin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	15 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	With
PCB Mount Retention	Without
Panel Mount Feature Type	Mounting Ears
Mating Retention	Without
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2 mm[.079 in]
Housing Color	Black

Dimensions

Connector Length	33 mm[1.299 in]
Connector Height	16.4 mm[.646 in]
Connector Width	18 mm[.709 in]
Wire Size	.2 – 1.25 mm^2
Accepts Wire Insulation Diameter Range	1.4 – 2.4 mm[.055 – .094 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	400

Packaging Method	Tray

Other

Comment	Mating Connector - 292184-1

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 292184-1
HYBRID MINI DRAWER REC ASS'Y 6



TE Part # 175149-1
UNIVERSAL POWER CONN TAB



TE Part # 175150-1
UNIVERSAL POWER CONN TAB

Also in the Series | CT Hybrid Drawer

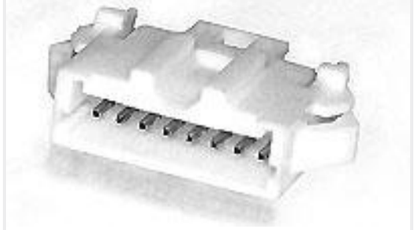


Wire-to-Board Connector Assemblies & Housings(16)

Customers Also Bought



TE Part #1-353908-6
Mini Common Termination (CT) Housings



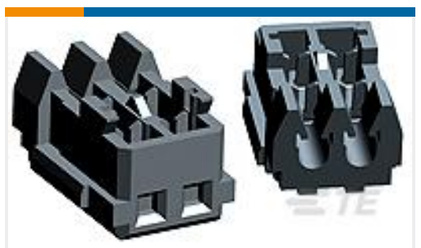
TE Part #1-292215-3
MINI CT SGL RELAY 13P NAT



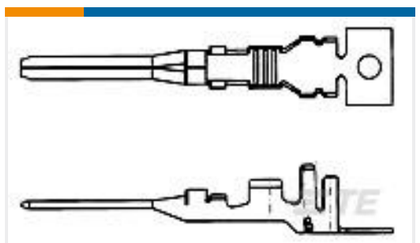
TE Part #1-353293-3
MINI CT MT REC ASSY 13P GRAY



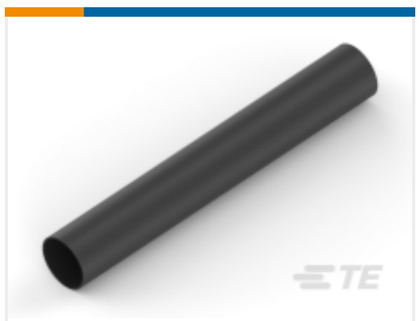
TE Part #1-353293-4
MINI CT MT REC ASSY 14P GRAY



TE Part #1-353293-2
MINI CT MT REC ASSY 12P GRAY



TE Part #1123910-1
1.5 MINI CT LATTICE POWER TAB



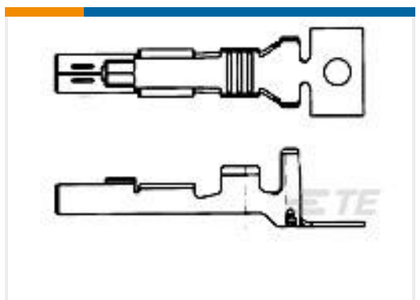
TE Part #CZ8201-000
SCL Dual Wall Piece Heat Shrink Tubing



TE Part #1452862-1
COVER 96POS. ASSY



TE Part #1452416-1
58POS CONNECTOR COVER 180 ASSY



TE Part #1123907-1
1.5 MINI CT LATTICE POWER REC

Documents

Product Drawings

CAP ASS'Y W/O COMMONING TAB FO

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_292180-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_292180-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_292180-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED

English

Low Power Drawer Connectors QRG

English

Product Specifications

Application Specification

English

Crimping Hybrid Mini Drawer Connector Power Line Contact

English

Product Environmental Compliance

MD_292180-1_012020152118_dmtec

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English

Agency Approvals

UL Report

English