



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



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **18**

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

Features

Product Type Features

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

Configuration Features

Number of Power Positions	6
Number of Signal Positions	12
Number of Positions	18
Number of Rows	2

Electrical Characteristics

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



Body Features

Drawer Style	Miniature Power
Primary Product Color	Black

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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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]

Dimensions

Connector Length	67 mm[2.64 in]
Connector Height	19 mm[.748 in]
Connector Width	29.95 mm[1.18 in]
Compatible Insulation Diameter Range	1.4 – 2.4 mm[.055 – .094 in]
Wire Size	.2 – 1.25 mm <sup>2</sup>
Row-to-Row Spacing	6.3 mm[.248 in]

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

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

Packaging Features

Packaging Quantity	40
Packaging Method	Tray

Other

Discrete Wire Connector Comment	Mating Connector - 1-292183-2
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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 2023 (235) Candidate List Declared Against: JUNE 2022 (224) 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 # 1-292183-2  
PLUG ASS'Y OF HYB DRAWER 18P

TE Part # 1-179316-2  
HYBRID MINI DRAWER REC CONT.

TE Part # 179316-4  
HYBRID MINI DRAWER REC CONT.#1

TE Part # 1-179317-2  
HYBRID MINI DRAWER REC CONT.

TE Part # 179317-4  
HYBRID MINI DRAWER REC CONT.#2

TE Part # 316458-4  
HYBRID MINI DRAWER REC GND CON

Also in the Series | CT Hybrid Drawer

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

Customers Also Bought

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

TE Part #1-292215-5  
MINI CT SGL RELAY 15P NAT

TE Part #292215-9  
MINI CT SGL RELAY 9P NAT

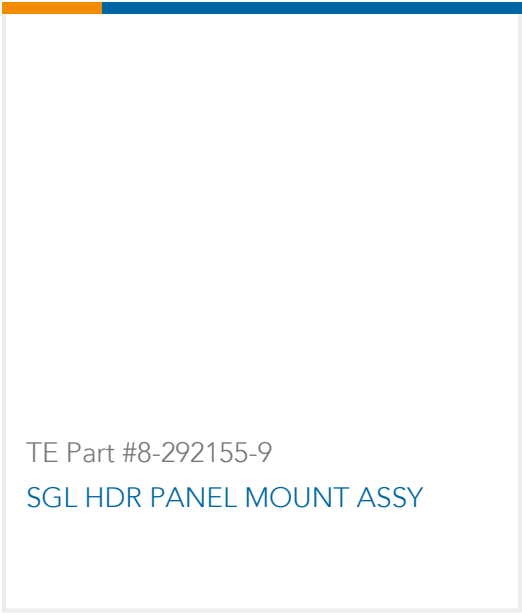
TE Part #2-353293-6  
1.5MM CT MT REC ASS'Y 6P BLACK

TE Part #2-292254-4  
CT RELAY HDR ASSY 4P BLUE

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

TE Part #8-292112-6  
MT REC ASSY (#26,28)

TE Part #8-292112-4  
MT REC ASSY (#26,28)



Documents

Product Drawings

REC ASS'Y OF HYB DRAWER 18P

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-292186-2\_O.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-292186-2\_O.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-292186-2\_O.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