



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



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Plug**

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

Number of Positions: **12**

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

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector Product Type | Connector Assembly |
| Connector & Housing Type | Plug |
| Connector System | Wire-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------|----|
| Number of Power Positions | 4 |
| Number of Signal Positions | 8 |
| Number of Positions | 12 |
| Number of Rows | 2 |

Electrical Characteristics

| | |
|-------------------|-------|
| Operating Voltage | 250 V |
|-------------------|-------|

Body Features

| | |
|-----------------------|-----------------|
| Drawer Style | Miniature Power |
| Primary Product Color | Black |

Contact Features

| | |
|----------------------------------|------|
| Contact Retention Within Housing | With |
|----------------------------------|------|



| | |
|------------------------------|--------------|
| Contact Base Material | Copper Alloy |
| Contact Current Rating (Max) | 15 A |

Termination Features

| | |
|------------------------------------|-----------|
| Termination Method to Wire & Cable | Crimp/IDC |
|------------------------------------|-----------|

Mechanical Attachment

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

Housing Features

| | |
|--------------------|---------------|
| Housing Material | Thermoplastic |
| Centerline (Pitch) | 2 mm[.079 in] |

Dimensions

| | |
|--------------------|------------------|
| Connector Width | 39.9 mm[1.57 in] |
| Connector Height | 19 mm[.748 in] |
| Connector Length | 55.98 mm[2.2 in] |
| Row-to-Row Spacing | 8.05 mm[.317 in] |

Usage Conditions

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

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|------------------|
| Packaging Method | Box & Tray, Tray |
| Packaging Quantity | 50 |

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 2025 (247) Candidate List Declared Against: JAN 2024 (240) 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 # 179322-3
HYBRID MINI DRAWER TAB CONT.#2

TE Part # CAT-AM7017-H8172
AMP COMMON TERMINATION HOUSINGS

TE Part # 1-179321-2
HYBRID MINI DRWER TAB CONT.

TE Part # 179321-3
HYBRID MINI DRAWER TAB CONT.#1

TE Part # 292185-8
REC ASS'Y OF HYB DRAWER 12P

TE Part # 1-179322-2
HYBRID MINI DRAWER TAB CONT.



Also in the Series

CT Hybrid Drawer

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

Customers Also Bought

TE Part #1-292254-2
CT RELAY HDR ASSY 12P NAT

TE Part #2-173983-3
AMP CT MT AMP-IN HDR-H YEL 3P

TE Part #292254-3
CT RELAY HDR ASSY 3P NAT

TE Part #292254-9
CT RELAY HDR ASSY 9P NAT

TE Part #5-292178-1
MINI DRAWER CONN FOR CT 22P

TE Part #2-292246-2
1.5 MINI CT LATTICE REC KEY A

TE Part #CAT-3980655-RHAFH
CT Relay Header Assembly: Free Hanging

TE Part #292156-2
CT RELAY HDR ASSY FREE HANGING

TE Part #1-179321-2
HYBRID MINI DRWER TAB CONT.

Documents

Product Drawings

PLUG ASS'Y OF HYB DRAWER 12P

English

CAD Files

3D PDF

English



Customer View Model

[ENG_CVM_292182-8_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_292182-8_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_292182-8_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

[Crimping Drawer Connector Power Line Contact](#)

English

[Crimping Drawer Connector Power Line Contact](#)

Japanese

[Application Specification](#)

Japanese

[Application Specification](#)

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