



Standard Drawer

TE Internal #: 172059-3
Housing, Plug, Wire-to-Board / Wire-to-Wire, 16 Position, 5 mm [.197 in] Centerline, Crimp, 2 Row, Blue, Wire & Cable, Power & Signal, Standard Drawer

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > Standard Drawer Plug Housings



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Connector System: **Wire-to-Board, Wire-to-Wire**
Number of Positions: **16**
Centerline (Pitch): **5 mm [.197 in]**

[All Standard Drawer Plug Housings \(15\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Signal Positions	4
Number of Positions	16
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 V
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Body Features

Drawer Style	Miniature Power
Primary Product Color	Blue

Contact Features

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Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Current Rating (Max)	15 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	With
PCB Mount Retention	Without
Mating Retention	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Connector Width	32.5 mm
Connector Height	26.3 mm[1.035 in]
Wire Size	14 – 24 AWG
Connector Length	71.2 mm[2.8 in]
Row-to-Row Spacing	13.3 mm[.524 in]

Usage Conditions

Operating Temperature Range	-20 – 120 °C[-4 – 248 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Carton
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 170314-1
DRAWER CONN.CONTACT



TE Part # 170311-1
CONTACT FOR DRAWER CONN



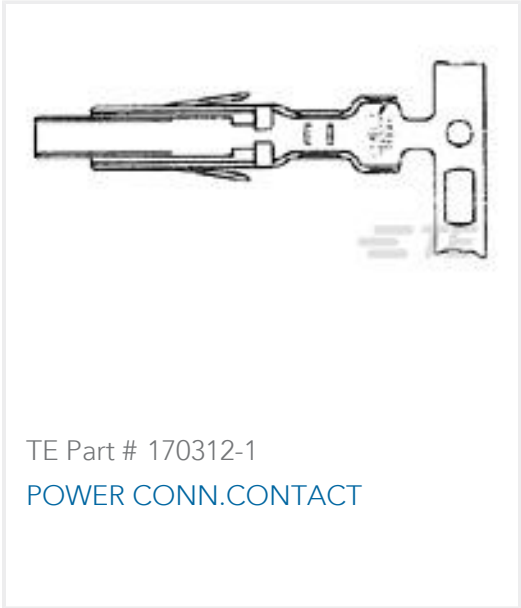
TE Part # 170313-1
DRAWER CONN.CONTACT



TE Part # 170484-1
CONTACT FOR DRAWER CONNECTOR



TE Part # 5172068-3
DRAWER CONN FEMALE ASSY16P



TE Part # 170312-1
POWER CONN.CONTACT



TE Part # 170485-1
DRAWER CONN LP



TE Part # 172653-1
DRAWER CONN. MALE ASSY 16P

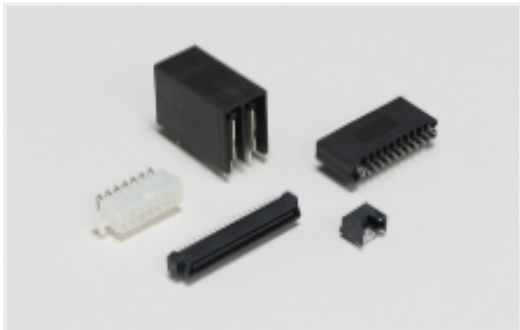
Also in the Series | Standard Drawer



Rectangular Connector Housings(7)



Rectangular Power Connectors(7)



Standard Rectangular Connectors(7)



Wire-to-Board Connector Assemblies & Housings(13)

Customers Also Bought



TE Part #CAT-D9934-A83B
DYNAMIC 5000 HDR ASSY



TE Part #172059-1
MALE HSG DRAWER



TE Part #2102735-1
BP, Half Left End, MULTIGIG RT 2R



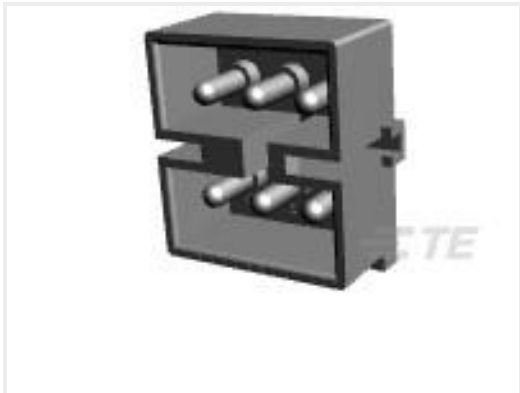
TE Part #2324697-2
PUSH GRIP CONNECTOR 2P



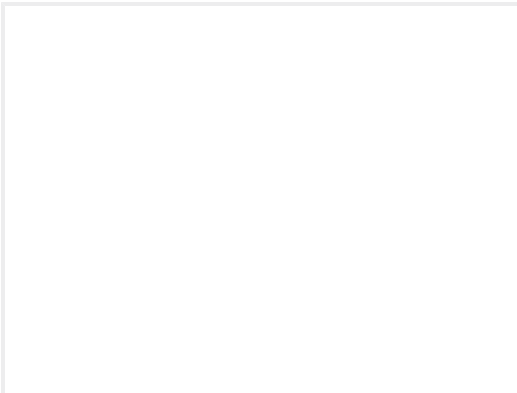
TE Part #2000676-3
Keyed Guide Pin, Machined, Vita 46



TE Part #5-2176362-9
RQ 0402 162R 0.1% 10PPM 5K RL



TE Part #2-1586546-0
06P CMNL HDR ASSY NATL LF



TE Part #GA10K3CG576
CHPC-TAIWAN GOLD CHIP

Documents

Product Drawings

DRAWER CONN 16P MALE

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_172059-3_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_172059-3_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_172059-3_H.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

Crimping Drawer Connector Contacts

English

Application Specification

English

Terminating AMP MTEI Connector

English

Application Specification

English

Agency Approvals

UL

English