



Standard Drawer

TE Internal #: 5172068-3
Housing, Receptacle, Wire-to-Board / Wire-to-Wire, 16 Position, 5 mm [.197 in] Centerline, Crimp, 2 Row, Blue, Mating Retention, Standard Drawer

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



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

[All Standard Drawer Receptacle Housings \(12\)](#)

Features

Dimensions

	2.8 in
Row-to-Row Spacing	4 mm[.16 in]
Connector Width	25 mm
Connector Height	26.3 mm[1.035 in]
Wire Size	.22 – 2.18 mm ²
Connector Length	71.2 mm[2.8 in]

Product Type Features

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

Configuration Features

Number of Positions	16
Number of Rows	2



Number of Signal Positions	4
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Housing Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Body Features

Primary Product Color	Blue
Drawer Style	Miniature Power

Mechanical Attachment

Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
PCB Mount Retention	Without

Contact Features

Contact Current Rating (Max)	15 A
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Operation/Application

Circuit Application	Power & Signal
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Usage Conditions

Operating Temperature Range	-20 – 120 °C [-4 – 248 °F]
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Other

EU RoHS Compliance	Compliant with Exemptions
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Electrical Characteristics

Termination Resistance	16 mΩ
Operating Voltage	250 V

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 with Exemptions
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (3.7% in Component part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

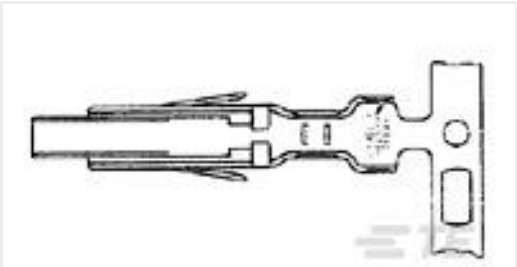


Also in the Series | Standard Drawer

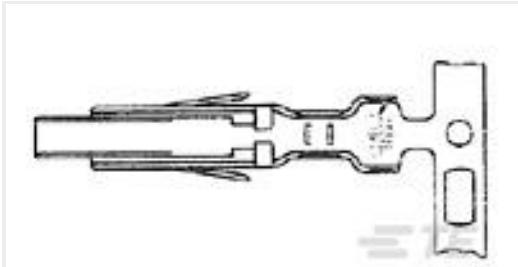


Wire-to-Board Connector Assemblies
& Housings(20)

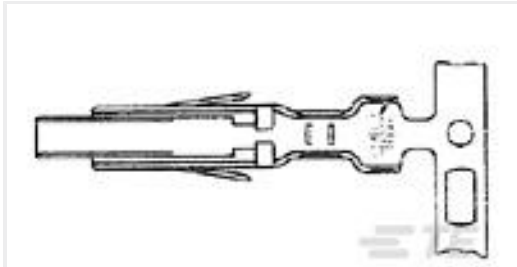
Customers Also Bought



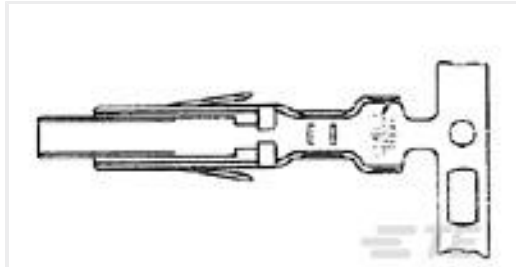
TE Part #170313-1
DRAWER CONN.CONTACT



TE Part #170312-1
POWER CONN.CONTACT



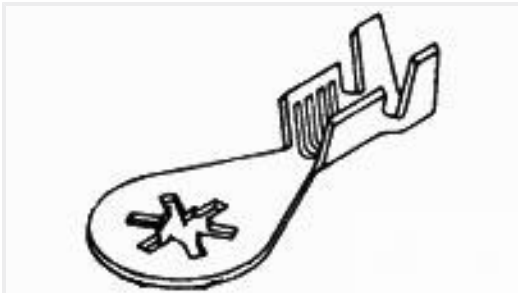
TE Part #170311-1
CONTACT FOR DRAWER CONN



TE Part #170484-1
CONTACT FOR DRAWER CONNECTOR



TE Part #61624-1
RING CRIMP 16-12 AWG BR



TE Part #640271-3
RING 22-18 AWG TPST



TE Part #1-967167-6
3POS MQS TAB SEALED COD A



TE Part #1718762-3
MCON 1.2 LL TAB SWS AG



TE Part #2-456402-4
CRIMPER WIRE .055



TE Part #344271-1
3 WAY TAB HOUSING BLACK ECONO

Documents

Product Drawings
DRAWER CONN FEMALE ASSY16P
English

CAD Files
3D PDF
English

Customer View Model
ENG_CVM_5172068-3_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_5172068-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5172068-3_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](#)

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Product Specifications

[Crimping Drawer Connector Contacts](#)

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[Application Specification](#)

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Agency Approvals

[UL](#)

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