



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, Mating Retention, 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 Positions	16
Number of Rows	2
Number of Signal Positions	4

Housing Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Dimensions

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Row-to-Row Spacing	13.3 mm[.524 in]
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]

Body Features

Primary Product Color	Blue
Drawer Style	Miniature Power

Mechanical Attachment

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

Contact Features

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

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
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	250 V
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 5172068-3
DRAWER CONN FEMALE ASSY16P



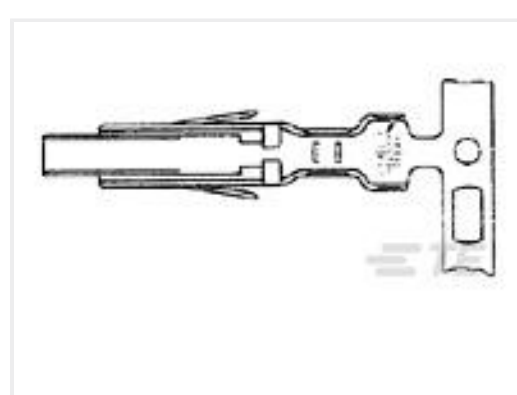
TE Part # 172653-1
DRAWER CONN. MALE ASSY 16P



TE Part # 170313-1
DRAWER CONN.CONTACT



TE Part # 170485-1
DRAWER CONN LP



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 # 170314-1
DRAWER CONN.CONTACT

Also in the Series | Standard Drawer



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

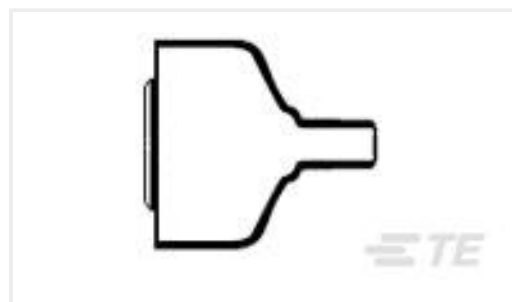
Customers Also Bought



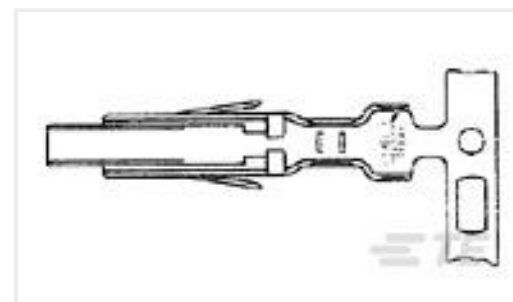
TE Part #172061-3
DRAWER CONN 12P MALE



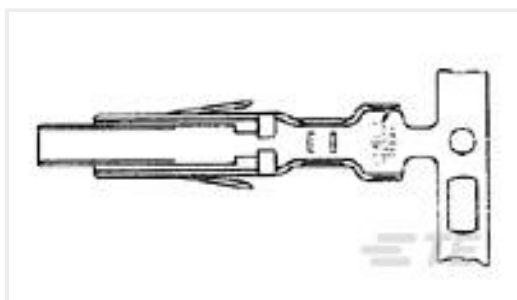
TE Part #1-2308272-6
CABLE CLAMP6 (CASE RAW)



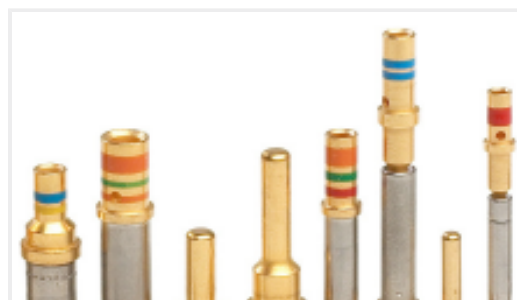
TE Part #806677-000
214A032-25-0



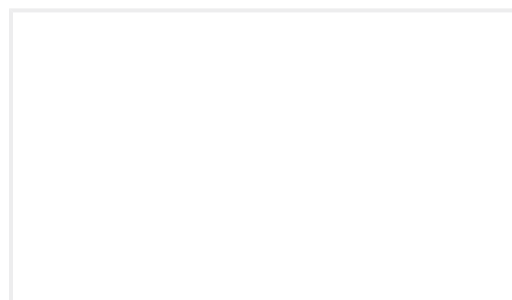
TE Part #170313-1
DRAWER CONN.CONTACT



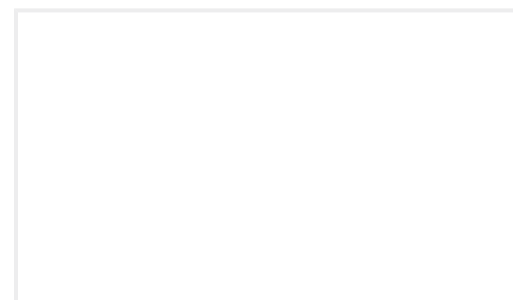
TE Part #170311-1
CONTACT FOR DRAWER CONN



TE Part #38943-22L
CONT SOC ASSY



TE Part #6162-229-1677
COAX PIN ASSY



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

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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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[Terminating AMP MTEI Connector](#)

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[Application Specification](#)

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Agency Approvals

[UL](#)

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