



**Standard Drawer**

TE Internal #: 172059-3

Housing, Plug, Wire-to-Wire / Wire-to-Board, 16 Position, .197 in [5 mm] 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 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 Type	Pin
Contact Base Material	Phosphor Bronze
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 Length	71.2 mm [2.8 in]
Connector Height	26.3 mm [1.035 in]
Connector Width	32.5 mm
Wire Size	.22 mm <sup>2</sup> , .22 – 2.18 mm <sup>2</sup>
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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#### Other

Discrete Wire Connector Comment	Mating Hsg - 5172068- Contacts - 170311, 170312, 170484, 170313, 170314, 170486
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#### Product Compliance







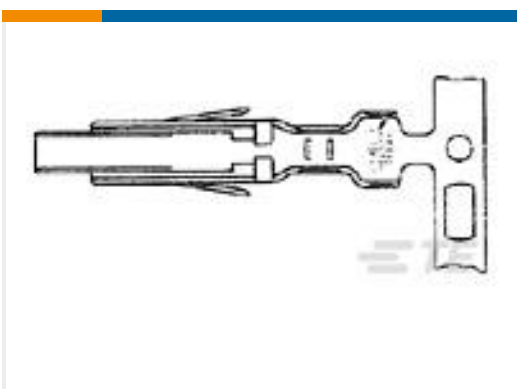



[For compliance documentation, visit the product page on TE.com>](#)

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 2023 (235) 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

 <p>TE Part # 5172068-3 DRAWER CONN FEMALE ASSY16P</p>	 <p>TE Part # 172653-1 DRAWER CONN. MALE ASSY 16P</p>	 <p>TE Part # 170313-1 DRAWER CONN.CONTACT</p>	 <p>TE Part # 170485-1 DRAWER CONN LP</p>
 <p>TE Part # 170312-1 POWER CONN.CONTACT</p>	 <p>TE Part # 170311-1 CONTACT FOR DRAWER CONN</p>	 <p>TE Part # 170484-1 CONTACT FOR DRAWER CONNECTOR</p>	 <p>TE Part # 170314-1 DRAWER CONN.CONTACT</p>



## Also in the Series | Standard Drawer



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

## Customers Also Bought



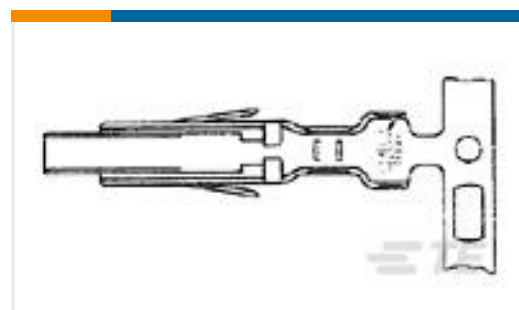
TE Part #205204-8  
HDP-20, PLUG, SIZE 1, 9 POSN



TE Part #1-1623730-6  
BCHE 4 W 3K3 5%



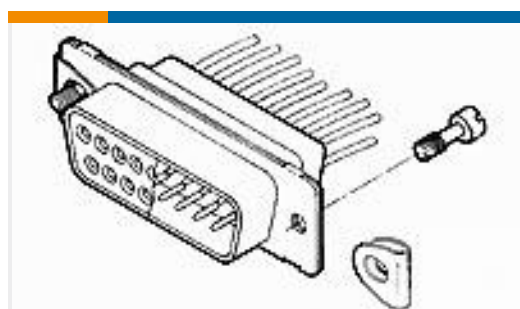
TE Part #34141  
PG R 22-16 COMM 22-18 MIL 4



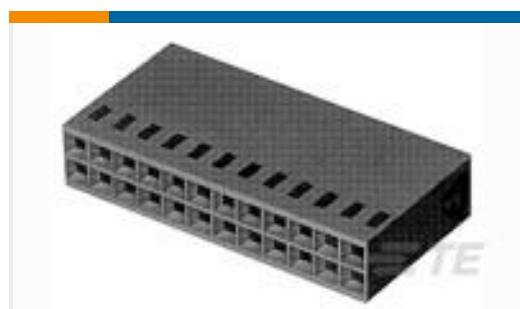
TE Part #170313-1  
DRAWER CONN. CONTACT



TE Part #171506-1  
PIDG RING (22-18)



TE Part #748274-2  
SCREW RETAINER CLIP, AMPLIMITE



TE Part #1-87456-0  
14 MODIV HSG DR MRKD .100CL



TE Part #5100147-1  
Z-PACK/A RAF 110P



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.

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**Datasheets & Catalog Pages**

[POWER\\_CONNECTORS\\_CATALOG\\_SEC02\\_CABLE\\_MOUNTED](#)

English

[Low Power Drawer Connectors QRG](#)

English

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**Product Specifications**

[Crimping Drawer Connector Contacts](#)

English

[Application Specification](#)

English

[Terminating AMP MTEI Connector](#)

English

[Application Specification](#)

English

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**Product Environmental Compliance**

[TE Material Declaration](#)

English

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**Agency Approvals**

[UL](#)

English