

172061-1 ✓ ACTIVE

## Standard Drawer

TE Internal #: 172061-1

Housing, Plug, Wire-to-Board / Wire-to-Wire, 12 Position, 5 mm [.197 in] Centerline, Crimp, 2 Row, Blue, Mating Retention, Standard Drawer

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Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **12**

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	12
Number of Rows	2

### Electrical Characteristics

Operating Voltage	250 V
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### Body Features

Drawer Style	Miniature Power
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### Contact Features

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

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Panel Mount Feature	With
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PCB Mount Retention	Without
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Mating Retention	With
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Connector Mounting Type	Panel Mount
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### Housing Features

Housing Material	PBT GF
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Centerline (Pitch)	5 mm [.197 in]
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Housing Color	Blue
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### Dimensions

Connector Length	61.2 mm [2.41 in]
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Connector Height	26.3 mm [1.035 in]
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Connector Width	32.5 mm
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Wire Size	.22 mm <sup>2</sup> , .22 – 2.18 mm <sup>2</sup>
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Row-to-Row Spacing	13.3 mm [.524 in]
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### 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

Comment	Mating Hsg - 5172069- Contacts - 170311, 170312, 170484, 170313, 170314, 170487
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 5172069-1 12P DRAWER FEM.ASSY</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>	 <p>TE Part # 172653-3 DRAWER CONN MALE ASSY 12P</p>

## Also in the Series | Standard Drawer



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

### Documents

#### Product Drawings

##### 12P DRAWER MALE HSG

Japanese

#### CAD Files

##### 3D PDF

3D

##### Customer View Model

[ENG\\_CVM\\_CVM\\_172061-1\\_G.2d\\_dxf.zip](#)

English

##### Customer View Model

[ENG\\_CVM\\_CVM\\_172061-1\\_G.3d\\_igs.zip](#)

English

##### Customer View Model

[ENG\\_CVM\\_CVM\\_172061-1\\_G.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



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**Product Environmental Compliance**

**Product Compliance**

English

**Product Compliance**

English

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**Agency Approvals**

**UL**

English