

5172069-1 ✓ ACTIVE



Standard Drawer

TE Internal #: 5172069-1

Housing, Receptacle, Wire-to-Wire / Wire-to-Board, 12 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: **12**

Centerline (Pitch): **5 mm [.197 in]**

[All STANDARD DRAWER RECEPTACLE HOUSINGS \(12\)](#)

Features

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 Signal Positions	4
Number of Positions	12
Number of Rows	2

Electrical Characteristics

Termination Resistance	12 mΩ
Operating Voltage	250 V

Body Features

Drawer Style	Miniature Power
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Termination Features



Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

PCB Mount Retention	Without
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Mating Retention	With
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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 in]
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Connector Width	25 mm
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	2.41 in
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Wire Size	.22 – 2.18 mm ²
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Row-to-Row Spacing	.12 mm [3 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 - 172061- Contacts - 170311, 170312, 170484, 170313, 170314, 170497
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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



TE Part # CAT-AM7017-SD292P
Standard Drawer Plug Housings

Also in the Series | Standard Drawer



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

Documents

Product Drawings
12P DRAWER FEM.ASSY



English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_5172069-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_5172069-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5172069-1_A.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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Product Environmental Compliance

[Product Compliance](#)

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Agency Approvals

[UL](#)

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