

5172068-1 ✓ ACTIVE



Standard Drawer

TE Internal #: 5172068-1

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

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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

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 | 16 |
| Number of Rows | 2 |

Electrical Characteristics

| | |
|------------------------|-------|
| Termination Resistance | 16 mΩ |
| Operating Voltage | 250 V |

Contact Features

| | |
|------------------------------|-----------------|
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | 15 A |



Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

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

Housing Features

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

Dimensions

| | |
|--------------------|----------------------------|
| Connector Length | 71.2 mm [2.8 in] |
| Connector Height | 26.3 mm [1.035 in] |
| Connector Width | 25 mm |
| | 2.8 in |
| Wire Size | .22 – 2.18 mm ² |
| Row-to-Row Spacing | 3 mm [.12 in] |

Usage Conditions

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

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|------------------|--------------|
| Packaging Method | Box & Carton |
|------------------|--------------|

Other

| | |
|---------|--|
| Comment | Mating Hsg - 172059- Contacts - 170311, 170312, 170484, 170313, 170314, 170496 |
|---------|--|

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 with Exemptions |
| 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: JAN 2022 (223) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

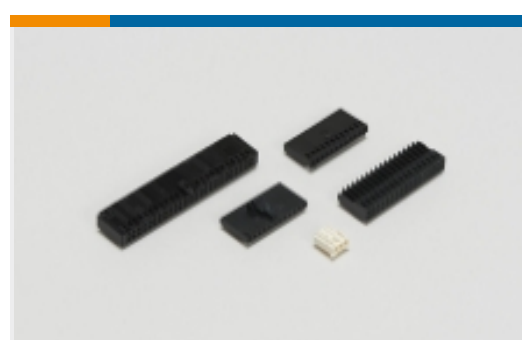
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

16P FEMALE HSG ASSY DROWER

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5172068-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_5172068-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5172068-1_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

English

Product Specifications

Crimping Drawer Connector Contacts

English

Application Specification

English

Agency Approvals

UL

English