# 5172068-1 ✓ ACTIVE

#### Standard Drawer

TE Internal #: 5172068-1

Housing, Receptacle, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-

0, 16 Position, Standard Drawer, Rectangular Wire & Cable

Connectors & Housings

View on TE.com >



Connectors > Rectangular Connectors > Standard Rectangular Connectors > Standard Drawer Receptacle Housings



Connector Product Type: Housing

Connector & Housing Type: Receptacle

Mating Retention: With

Termination Method to Wire & Cable: Crimp

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

All Standard Drawer Receptacle Housings (12)

## **Features**

#### **Product Type Features**

r roduct Type reatures	
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
Body Features	
Primary Product Color	Blue
Contact Features	
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	15 A

**Termination Features** 



Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	PBT GF
Centerline (Pitch)	5 mm[.197 in]
Dimensions	
Connector Width	25 mm
Row-to-Row Spacing	3 mm[.12 in]
Connector Height	26.3 mm[1.035 in]
Wire Size	.22 – 2.18 mm²
Connector Length	71.2 mm[2.8 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

# **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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

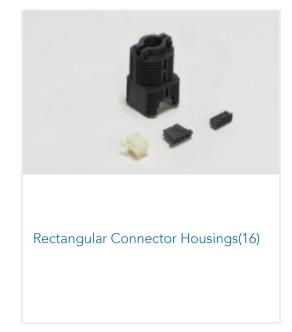
Product Compliance Disclaimer

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

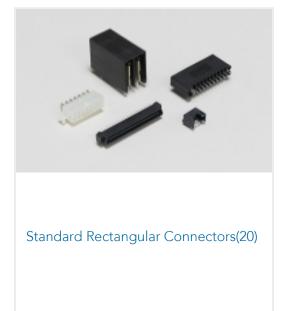
# **Compatible Parts**



# Also in the Series | Standard Drawer







# Customers Also Bought











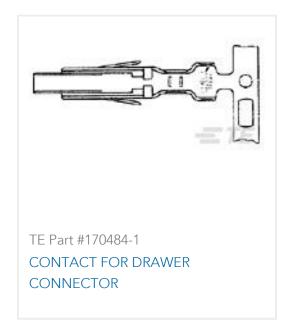












### **Documents**

## **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

Housing, Receptacle, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-0, 16 Position, Standard Drawer, Rectangular Wire & Cable Connectors & Housings



# **Application Specification**

English

Agency Approvals

UL

English