



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
Mating Retention	With

Housing Features

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

Dimensions

Connector Length	61.2 mm [2.41 in]
Connector Height	26.3 mm [5 in]
Connector Width	25 mm
	2.41 in
Wire Size	.22 – 2.18 mm ²
Row-to-Row Spacing	.12 mm [3 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

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
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: JAN 2022
(223)
SVHC > Threshold:
Not Yet Reviewed

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

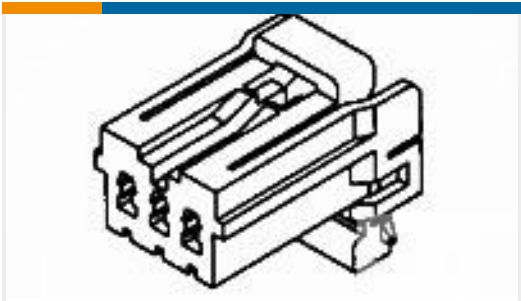


Wire-to-Board Connector Assemblies
& Housings(20)

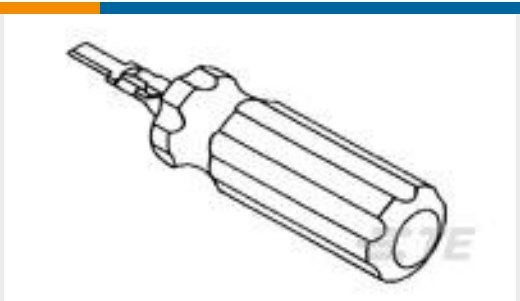
Customers Also Bought



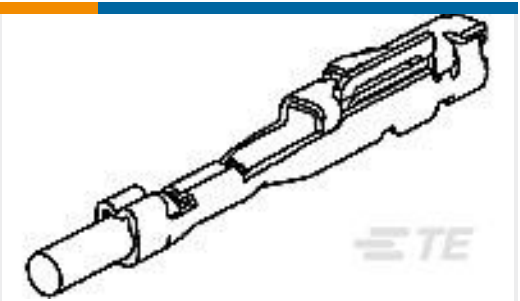
TE Part #5172070-1
DRAWER CONN. FEMALE HSG ASSY
8



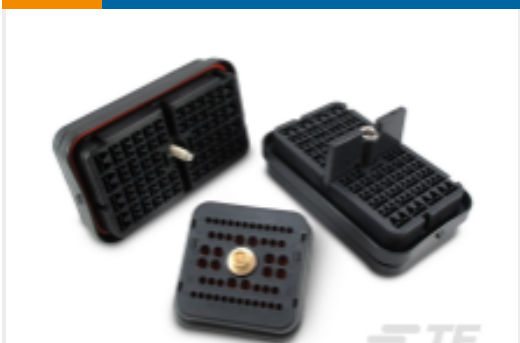
TE Part #174921-2
070 MLC W-W PLUG HSG 3P BLACK



TE Part #1276565-1
EXTRACTION TOOL FOR .025 REC



TE Part #1123343-1
025 REC CONTACT



TE Part #DRB12-60PBE-L018
DEUTSCH DRB HOUSINGS



TE Part #4-640433-8
18P MTA156 CONN ASSY 22AWG RED



TE Part #WB-60PB
DEUTSCH DRB WEDGELOCKS

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

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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

UL

English