



Standard Drawer

TE Internal #: 172059-3
Housing, Plug, 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 Plug Housings



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Mating Retention: **With**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Board, Wire-to-Wire**

[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 | 16 |
| Number of Rows | 2 |

Body Features

| | |
|-----------------------|------|
| Primary Product Color | Blue |
|-----------------------|------|

Contact Features

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

Termination Features



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

Mechanical Attachment

| | |
|-------------------------|-------------|
| Panel Mount Feature | With |
| Mating Retention | With |
| Connector Mounting Type | Panel Mount |

Housing Features

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

Dimensions

| | |
|--------------------|-------------------|
| Connector Width | 32.5 mm |
| Row-to-Row Spacing | 13.3 mm[.524 in] |
| Connector Height | 26.3 mm[1.035 in] |
| Wire Size | 14 – 24 AWG |
| 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 |
| 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 | 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>

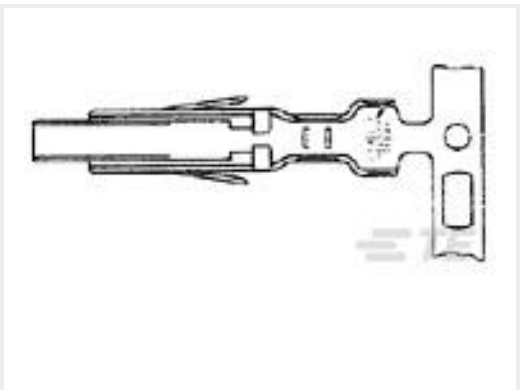
Compatible Parts




TE Part # 5172068-3
DRAWER CONN FEMALE ASSY16P




TE Part # 172653-1
DRAWER CONN. MALE ASSY 16P




TE Part # 170312-1
POWER CONN.CONTACT




TE Part # 170485-1
DRAWER CONN LP




TE Part # 170311-1
CONTACT FOR DRAWER CONN



TE Part # 170313-1
DRAWER CONN.CONTACT




TE Part # 170314-1
DRAWER CONN.CONTACT




TE Part # 170484-1
CONTACT FOR DRAWER CONNECTOR

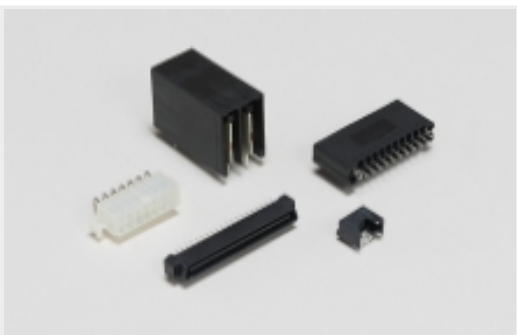
Also in the Series | Standard Drawer



Rectangular Connector Housings(16)



Rectangular Power Connectors(18)



Standard Rectangular Connectors(20)

Customers Also Bought



TE Part #1-2308272-6
CABLE CLAMP6 (CASE RAW)

TE Part #172653-1
DRAWER CONN. MALE ASSY 16P

TE Part #641994-1
MTA100 KEYING PLUG W/

TE Part #170313-1
DRAWER CONN.CONTACT

TE Part #6162-229-1677
COAX PIN ASSY

TE Part #931156-000
S1125-KIT-4

TE Part #38943-22L
CONT SOC ASSY

TE Part #4-2176610-6
EP 1W (SS) 75R 5%

TE Part #806677-000
214A032-25-0

TE Part #1622818-1
RH73 2A 10M 5% 250PPM 5K RL

Documents

Product Drawings
DRAWER CONN 16P MALE

Japanese

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_172059-3_H.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_172059-3_H.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_172059-3_H.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

Agency Approvals

UL

English