

5172625-3 ✓ ACTIVE



Standard Drawer

TE Internal #: 5172625-3

Housing, Receptacle, Wire-to-Board / Wire-to-Wire, 24 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: **24**

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 | 24 |
| Number of Rows | 2 |

Electrical Characteristics

| | |
|------------------------|-------|
| Termination Resistance | 24 mΩ |
| Operating Voltage | 250 V |

Contact Features

| | |
|------------------------------|------|
| 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

| | |
|------------------|--------|
| Housing Material | PBT GF |
|------------------|--------|

| | |
|--------------------|----------------|
| Centerline (Pitch) | 5 mm [.197 in] |
|--------------------|----------------|

| | |
|---------------|------|
| Housing Color | Blue |
|---------------|------|

Dimensions

| | |
|------------------|-------------------|
| Connector Length | 91.2 mm [3.59 in] |
|------------------|-------------------|

| | |
|------------------|--------------------|
| Connector Height | 26.3 mm [1.035 in] |
|------------------|--------------------|

| | |
|-----------------|-------|
| Connector Width | 25 mm |
|-----------------|-------|

| | |
|--|---------|
| | 3.59 in |
|--|---------|

| | |
|-----------|----------------------------|
| Wire Size | .22 – 2.18 mm ² |
|-----------|----------------------------|

| | |
|--------------------|---------------|
| Row-to-Row Spacing | 4 mm [.16 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 - 172624-1, -3- Contacts - 170311, 170312, 170484, 170313, 170314, 170501 |
|---------|--|

Product Compliance

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

| | |
|------------------------------|---------------------------|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
|------------------------------|---------------------------|



| | |
|---|---|
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | <p>Current ECHA Candidate List: JUNE 2022 (224)</p> <p>Candidate List Declared Against: JAN 2022 (223)</p> <p>SVHC > Threshold: Pb (3.7%)</p> <p>Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p> |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process capability |

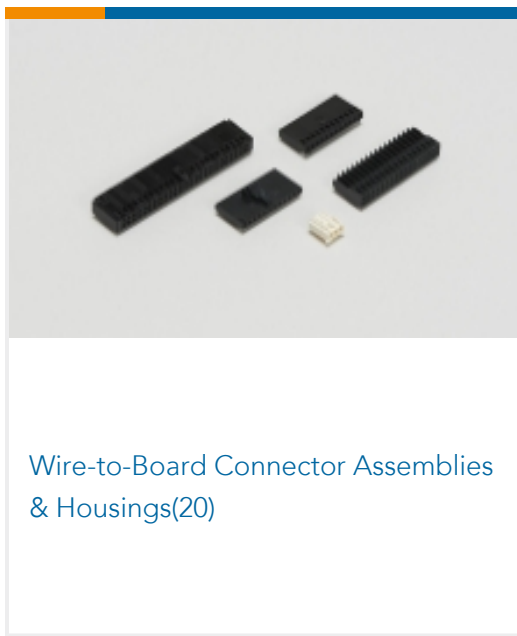
Product Compliance Disclaimer

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



Also in the Series | [Standard Drawer](#)



Documents

Product Drawings

[DRAWER CONN. FEMALE ASSY 24P](#)

English

CAD Files

[3D PDF](#)

English

[Customer View Model](#)

[ENG_CVM_5172625-3_A.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_5172625-3_A.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_5172625-3_A.3d_stp.zip](#)

English

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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