

166569-1 ✓ ACTIVE

## EUROCARD

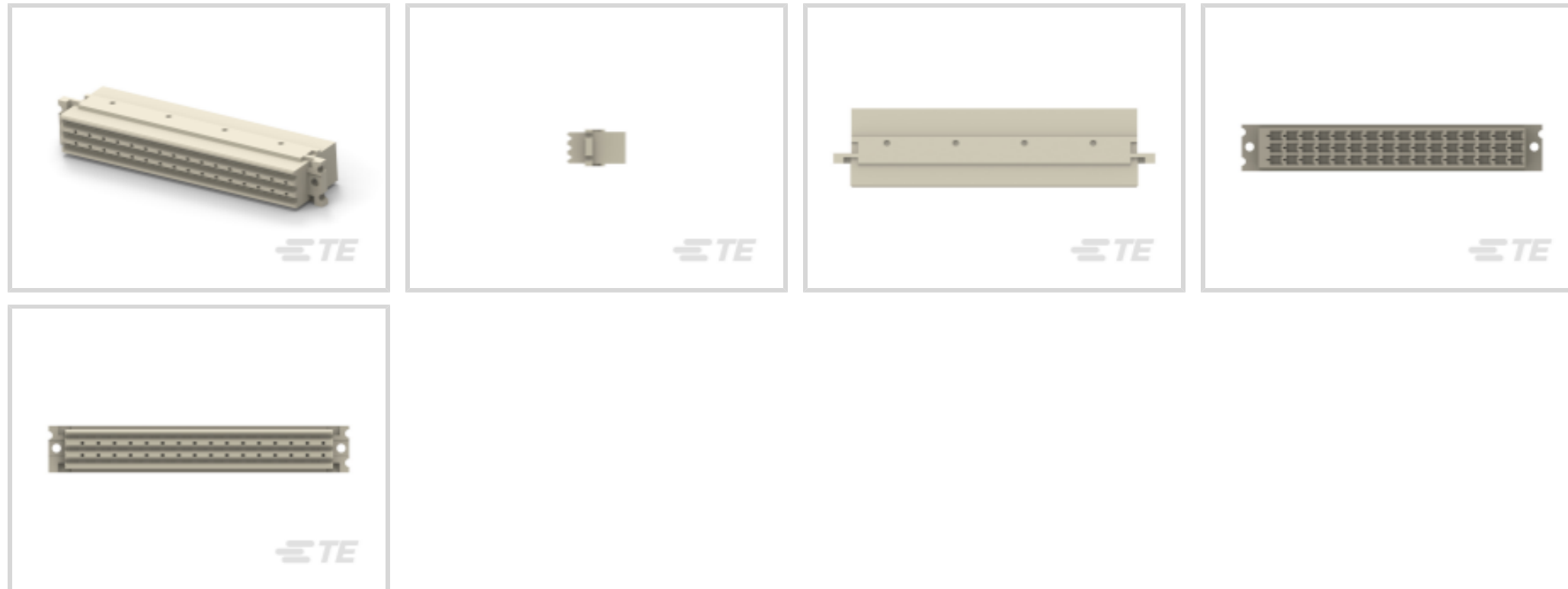
TE Internal #: 166569-1

Backplane Connector Housings, Wire-to-Board, 48 Position, 2.54 mm [.1 in] Centerline, Mating Alignment, Keyed Mating Alignment Type, 3 Row, 16 Column

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Connectors > PCB Connectors > Backplane Connectors > Backplane Connector Housings



Connector System: **Wire-to-Board**

Number of Positions: **48**

Centerline (Pitch): **2.54 mm [.1 in]**

Mating Alignment: **With**

Mating Alignment Type: **Keyed**

### Features

#### Product Type Features

|                                   |               |
|-----------------------------------|---------------|
| Connector System                  | Wire-to-Board |
| Connector & Housing Type          | Receptacle    |
| Connector & Contact Terminates To | Wire & Cable  |

#### Configuration Features

|                       |          |
|-----------------------|----------|
| PCB Mount Orientation | Vertical |
| Number of Positions   | 48       |
| Number of Rows        | 3        |
| Number of Columns     | 16       |

#### Body Features

|              |          |
|--------------|----------|
| Drawer Style | Snap-Fit |
|--------------|----------|

#### Contact Features

|              |        |
|--------------|--------|
| Contact Type | Socket |
|--------------|--------|

#### Mechanical Attachment



|                       |         |
|-----------------------|---------|
| Mating Retention      | Without |
| Mating Alignment      | With    |
| Mating Alignment Type | Keyed   |

### Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | Noryl           |
| Housing Color      | Gray            |
| Centerline (Pitch) | 2.54 mm [.1 in] |

### Dimensions

|                    |                 |
|--------------------|-----------------|
| Connector Length   | 90 mm           |
| Row-to-Row Spacing | 4.3 mm [1.7 in] |

### Industry Standards

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

### Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Tray |
|------------------|------|

## 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)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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



## Documents

### Product Drawings

#### IEC FEMALE HSG.ASSY

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_166569-1\\_E.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_166569-1\\_E.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_166569-1\\_E.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

#### 48 Pos. Receptacle Connector With 1 x 1 mm ACTION PIN Feature

English

#### Application Specification

English

### Product Environmental Compliance

[MD\\_166569-1\\_05302018637\\_dmtec](#)

English

[MD\\_166569-1\\_05302018637\\_dmtec](#)

English

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