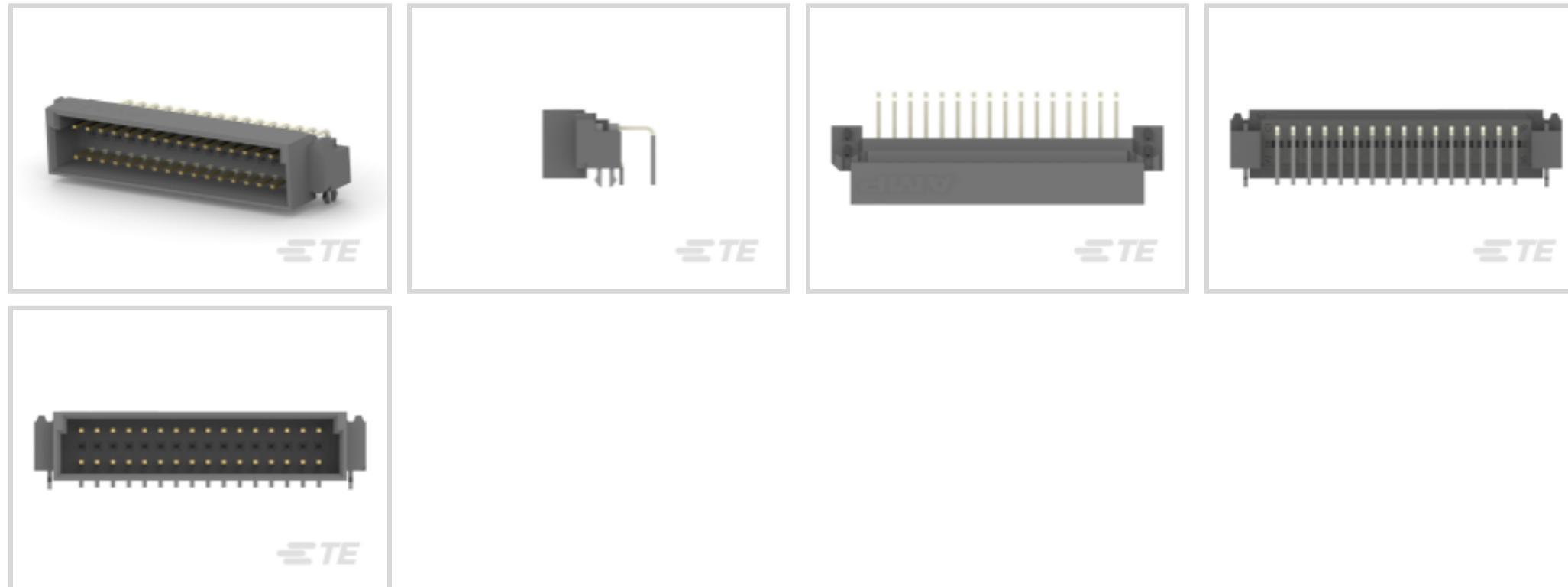


## EUROCARD

TE Internal #: 5650978-5

Eurocard Connectors, Plug, Board-to-Board, 32 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, 3 Row, Right Angle, 16 Column

[View on TE.com >](#)[Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors](#)Connector & Housing Type: **Plug**Connector System: **Board-to-Board**Termination Post & Tail Length: **2.64 mm [.104 in]**Number of Positions: **32**Centerline (Pitch): **2.54 mm [.1 in]**

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector & Housing Type          | Plug                  |
| Connector System                  | Board-to-Board        |
| Connector & Contact Terminates To | Printed Circuit Board |
| DIN Size                          | Half                  |
| DIN Level                         | II                    |

### Configuration Features

|                                 |                         |
|---------------------------------|-------------------------|
| Mating & Unmating Configuration | Make First / Break Last |
| Number of Positions             | 32                      |
| Number of Rows                  | 3                       |
| PCB Mount Orientation           | Right Angle             |
| Number of Columns               | 16                      |
| Number of Signal Positions      | 32                      |
| Rows Loaded                     | A, C                    |

### Body Features

Primary Product Color

Gray

**Contact Features**PCB Contact Termination Area Plating Material Thickness .1 - .2  $\mu\text{m}$ [3.93 - 7.87  $\mu\text{in}$ ]

Contact Type Pin

Contact Mating Area Plating Material Thickness .003  $\mu\text{m}$ 

Contact Mating Area Plating Material Gold

PCB Contact Termination Area Plating Material Tin

Contact Base Material Copper Alloy

Contact Current Rating (Max) 1.5 A

**Termination Features**

Termination Method to Printed Circuit Board Through Hole - Solder

Termination Post &amp; Tail Length 2.64 mm[.104 in]

**Mechanical Attachment**

Mating Alignment Type Polarization

Mating Retention Without

Mating Alignment With

PCB Mount Retention With

PCB Mount Retention Type Boardlock

Connector Mounting Type Board Mount

**Housing Features**

Housing Material Polyester - GF

Centerline (Pitch) 2.54 mm[.1 in]

**Dimensions**

Connector Height 12.62 mm[.496 in]

PCB Thickness (Recommended) 1.57 mm[.062 in]

Row-to-Row Spacing 2.54 mm[.1 in]

**Usage Conditions**

Operating Temperature Range -55 - 105 °C[-67 - 221 °F]

**Operation/Application**

Circuit Application Signal

**Packaging Features**

Packaging Method Box

## Product Compliance

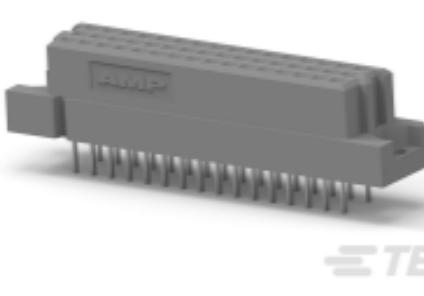
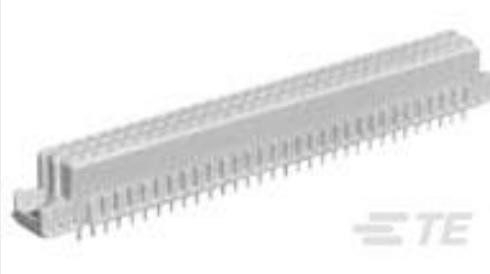
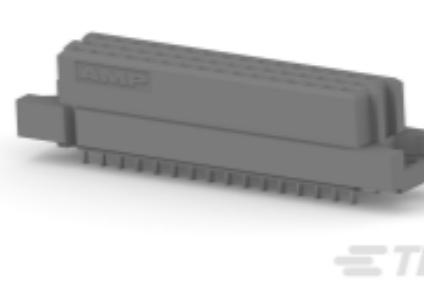
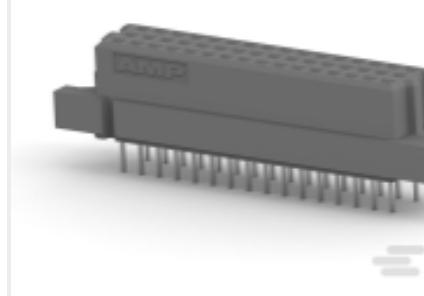
For compliance documentation, visit the product page on [TE.com](https://te.com)>

|   |   |
|---|---|
| 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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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                     | Reflow solder capable to 260°C  |

### Product Compliance Disclaimer

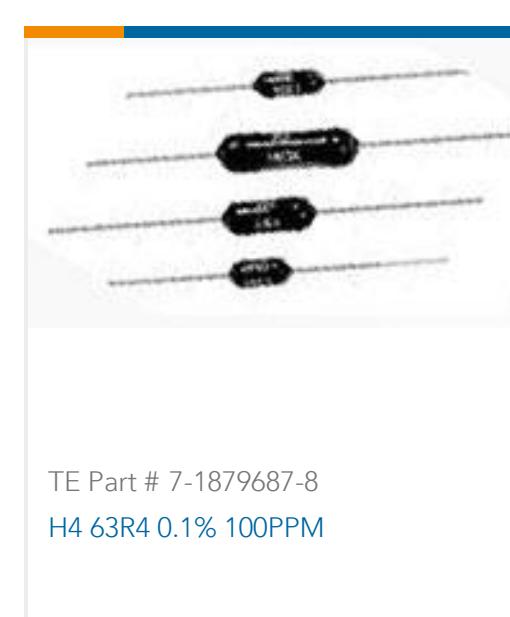
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

|   |  |  |  |
|---|--|--|--|
|  <p>TE Part # 5535068-5<br/>ASSY,RECEPTACLE,EURO,TYPE C/2,L-FREE,A&amp;C</p> |  <p>TE Part # 2-1393641-6<br/>V42254B2202C483=PC612 FEDERLEI</p> |  <p>TE Part # 5650459-5<br/>ASSEMBLY,RECEPTACLE,EURO,TYPE</p> |  <p>TE Part # 5650466-5<br/>ASSEMBLY,RECEPTACLE,EURO,TYPE</p> |
|---|--|--|--|

TE Part # 8-1393640-6  
V42254B2201C483=PC612 FEDERLEITE Part # 166870-5  
3X32P MT TAN BU ST

## Customers Also Bought

TE Part # 6367550-7  
ASSY Z-DOK+6 HOST BOARD 56PR LTE Part # HD36-24-35SN-059  
PLG,35P,AL,N, CBLCLMPBT,DRAIN,16/20,S,MCTE Part # 3-1740533-3  
AMP DUOPLUG POW CONN. 3POS W.PCB LOCKINGTE Part # 749108-6  
68 50SR CBL CONN TERM COVERTE Part # 2-1633713-3  
CRIMPER, WIRE PREMIUMTE Part # 720788-8  
EXTRCTION TOOL FOR MINI SPRINGTE Part # 7-1879533-4  
CRGV0603 1% 576K 400VTE Part # 7-1879687-8  
H4 63R4 0.1% 100PPMTE Part # 174928-5  
070 MLC W-W CAP HSG 3P BLUETE Part # 827551-8  
2P MI D-FED KONTGEH

## Documents

### Product Drawings

ASSY,PIN,EURO,TYPE C/2,LEAD-FREE,A&amp;C,32/

English

ASSY,PIN,EURO,TYPE C/2,LEAD-FREE,A&amp;C,32/

English

### CAD Files

Customer View Model

ENG\_CVM\_CVM\_5650978-5\_O.2d\_dxf.zip

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5650978-5\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5650978-5\\_O.3d\\_stp.zip](#)

English

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

**Product Specifications**

[Application Specification](#)

English