



EUROCARD CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

ASSY, PIN, EUROCARD, TYPE R/2, LEA

EUROCARD | Eurocard Type R

5650918-5

TE Internal Number: 5650918-5

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Number of Columns **16**

Centerline **2.54 mm [.1 in]**

Product Drawings

ASSEMBLY, PIN, EUROCARD, TYPE 1/2R, 48 POSITION, 6.35[.250] PRESS-FIT POSTS

PDF (TIFF AVAILABLE)
English

ASSEMBLY, PIN, EUROCARD, TYPE 1/2R, 48 POSITION, 6.35[.250] PRESS-FIT POSTS

PDF (TIFF AVAILABLE)
English

CAD Files

3D PDF

PDF
3D

Customer View Model

2D_DXF.ZIP
English

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Product Specifications

Application Specification

Eurocard Connectors Types B,C,M,Q,R, & Enhanced Type C (Board-To-Board Application)

PDF
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Qualification Test Report

Eurocard Connector

PDF
English

Eurocard Connector

TIF
English

Product Environmental Compliance

TE Material Declaration

MD_5650918-5_10082014811_dmtec

PDF

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

| | | |
|----------------------------|--|---|
| Product Type Features | Connector Style | Plug |
| | Applies To | Printed Circuit Board |
| | Connector System | Board-to-Board |
| | Row-to-Row Spacing | 2.54 mm [.1 in] |
| | PCB Mounting Orientation | Vertical |
| | Guides | Without |
| | Product Type | Connector |
| | Post Type | Compliant Post |
| Connector Type | Connector Assembly | |
| Configuration Features | Number of Columns | 16 |
| | Number of Positions | 48 |
| | Number of Rows | 3 |
| | Rows Loaded | A, B, C |
| Electrical Characteristics | Operating Voltage (VAC) | 250 |
| Body Features | Color | Gray |
| Contact Features | Contact Termination Area Plating Thickness | 2.54 – 5.08 μm [100 – 200 μin] |
| | Contact Current Rating (A) | 1.5 |
| | Contact Base Material | Copper Alloy |
| | Contact Termination Area Plating Material | Tin |
| | Contact Cross Section | .64 x .64 mm [.025 x .025 in] |
| | Contact Mating Area Plating Thickness | .76 μm [30 μin] |
| | Contact Type | Pin |
| | Contact Mating Area Plating Material | Gold |
| Termination Features | Termination Post Length | 6.35 mm [.25 in] |
| | Interface Type | Eurocard/DIN 41612 |
| | Termination Method to PC Board | Through Hole - Solder |

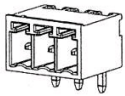
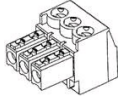


| | | |
|-----------------------|-----------------------------|-------------------------------|
| Mechanical Attachment | PCB Mount Alignment | Without |
| | Panel Mount Retention | Without |
| | Mating Retention | Without |
| | Mating Alignment | Without |
| | PCB Mount Retention | With |
| | PCB Mount Retention Type | Action/Compliant Tail |
| Housing Features | Centerline | 2.54 mm [.1 in] |
| | Housing Material | Polymer - GF |
| Dimensions | Height | 11.4 mm [.45 in] |
| | PCB Thickness (Recommended) | 1.57 mm [.062 in] |
| | Tail Length | 6.35 mm [.25 in] |
| Usage Conditions | Operating Temperature Range | -55 – 105 °C [-67 – 221 °F] |
| Industry Standards | UL Flammability Rating | UL 94V-0 |
| Packaging Features | Packaging Method | Box |

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

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