



+ CONNECTORS

EUROCARD CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
ASSY, PIN, EUROCARD, TYPE R, LEAD-FREE, 120 P
[EUROCARD](#) | [Eurocard Type R](#)

5650910-5
TE Internal Number: 5650910-5

[EU RoHS Compliant](#)
[EU ELV Compliant](#)

Connector Style Plug
Connector System Board-to-Board
Number of Positions 120
Centerline (Pitch) 2.54 mm [.1 in]
Connector & Contact Terminates To Printed Circuit Board

 **PRODUCT DRAWING**
[English](#)

 **3D PDF**

DOCUMENTATION

Product Drawings

ASSEMBLY, PIN, EUROCARD, TYPE R, 120 POSITION, 4.57[.180] SOLDER POST
PDF [\(TIFF AVAILABLE\)](#)
English

CAD Files

3D PDF
PDF
English

Customer View Model
3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Product Specifications

Application Specification

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

PDF

English

Qualification Test Report

Eurocard Connector

PDF

English

Eurocard Connector

TIF

English

FEATURES



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
- Connector System Board-to-Board
- Connector & Contact Terminates To Printed Circuit Board
- Row-to-Row Spacing 2.54 mm [.1 in]
- Product Type Connector
- PCB Mounting Orientation Vertical
- Connector Type Connector Assembly
- Guides Without
- Post Type Solder Post

Configuration Features

- Number of Positions 120
- Number of Columns 16
- Number of Rows 3
- Rows Loaded A, B, C

Electrical Characteristics

- Operating Voltage (VAC) 250

Body Features

- Color Gray

Contact Features

- Solder Tail Contact Plating MaterialTin
- Contact Current Rating (Max) (A)1.5
- Contact Cross Section.64 x .64 mm [.025 x .025 in]
- Contact Base MaterialCopper Alloy
- Contact Mating Area Plating MaterialGold
- Contact TypePin
- Contact Termination Area Plating Thickness2.54 – 5.08 μm [100 – 200 μin]
- Contact Termination Area Plating MaterialTin
- Contact Mating Area Plating Thickness.76 μm [30 μin]

Termination Features

- Termination Method to PC BoardThrough Hole - Solder
- Termination Post Length4.57 mm [.18 in]
- Interface TypeEurocard/DIN 41612

Mechanical Attachment

- Panel Mount RetentionWithout
- PCB Mount AlignmentWithout
- Mating AlignmentWithout
- Mating RetentionWithout
- PCB Mount RetentionWithout

Housing Features

- Centerline (Pitch)2.54 mm [.1 in]
- Housing MaterialPolymer - GF

Dimensions

- PCB Thickness (Recommended)1.57 mm [.062 in]
- Height11.4 mm [.45 in]
- Tail Length4.57 mm [.18 in]

Usage Conditions

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

Packaging Features

- Packaging MethodBox

PRODUCT COMPLIANCE



Statement of Compliance

- Statement of Compliance
- PDF