



+ CONNECTORS

EUROCARD CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
ASSY,PIN,EURO,"C/2",L-FREE,48
[EUROCARD](#) | [Eurocard](#)

5148020-5
TE Internal Number: 5148020-5

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

Connector Style Plug
Connector System Board-to-Board
Number of Positions 48
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 C, .104 SOLDER POST
PDF
English

ASSEMBLY, PIN, EUROCARD, TYPE 1/2C, 48 POSITION, 2.64[.104] SOLDER POST WITH BOARD-LOCKS
PDF
English

CAD Files

Customer View Model
2D_DXF.ZIP
English

3D PDF

PDF

3D

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, & Enchanced Type C (Board-To-Board Application)

PDF

English

Qualification Test Report

Eurocard Connector

PDF

English

Eurocard Connector

TIF

English

Product Environmental Compliance

TE Material Declaration

MD_5148020-5_032120172338_dmtec

PDF

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 (mm) 2.54

Size Half

DIN Level II

Product Type Connector

PCB Mounting Orientation Right Angle

Connector Type Connector Assembly

Shielded No

Make First / Break Last Contacts Loaded Yes

Make First / Break Last No

Configuration Features

- Number of Positions48
- Number of Rows3
- Rows LoadedA, B, C
- Number of Signal Positions48
- Board-to-Board ConfigurationRight Angle

Contact Features

- Contact Cross Section.64 x .64 mm [.025 x .025 in]
- Contact Base MaterialCopper Alloy
- Contact TypePin
- Contact Transmits (Typical)Signal (Data)
- Contact Termination Area Plating MaterialTin

Termination Features

- Termination Method to PC BoardThrough Hole - Solder
- Termination Post Length2.65 mm [.104 in]
- Interface TypeEurocard/DIN 41612

Mechanical Attachment

- Panel Mount RetentionWith
- PCB Mount AlignmentWith
- Mating AlignmentWith
- Mating RetentionWithout
- PCB Mount RetentionWith
- Mating Alignment TypePolarization
- PCB Mount Retention TypeBoardlocks

Housing Features

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

Dimensions

- PCB Thickness (Recommended) (mm)5.41
- Tail Length (mm)3
- Height (mm)12.62
- Accepts Wire Insulation Diameter Range (mm)2.54

Industry Standards

- UL Flammability RatingUL 94V-0

Packaging Features

- Packaging MethodTray

PRODUCT COMPLIANCE



Statement of Compliance

