



## EUROCARD CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### 48P.IEC-F FEM.CONN.

EUROCARD | Eurocard

166733-1

TE Internal Number: 166733-1

Converted to EU RoHS/ELV Compliant

Connector Style **Receptacle**

Applies To **Printed Circuit Board**

Mounting Angle **Vertical**

Number of Columns **16**

Row-to-Row Spacing (mm) **5.08**

#### Product Drawings

**3x16 POS. TYPE F FEMALE B. T. B. SOLDER CONNECTOR**

PDF  
English

#### CAD Files

**3D PDF**

PDF  
English

**Customer View Model**

3D\_STP.ZIP  
English

**Customer View Model**

3D\_IGS.ZIP  
English

**Customer View Model**

2D\_DXF.ZIP  
English

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

**Receptacle**

Applies To

**Printed Circuit Board**

Row-to-Row Spacing (mm)

**5.08**

DIN Level

**I**

Type

**Type F**

Pre-Notched to Break Off

**No**

Product Type

**Connector**

Make First / Break Last

**No**

	Post Type	<b>Solder Post</b>
	Connector Type	<b>Connector Assembly</b>
Configuration Features	Number of Columns	<b>16</b>
	Number of Positions	<b>48</b>
	Number of Rows	<b>3</b>
	Rows Loaded	<b>Z, B, D</b>
Body Features	Color	<b>Gray</b>
Contact Features	Contact Transmits (Typical)	<b>Signal (Data)</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Termination Area Plating Material	<b>Tin-Lead</b>
	Contact Type	<b>Socket</b>
	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness (µm)	<b>.76</b>
Termination Features	Termination Post Length	<b>4 mm [ .157 in ]</b>
	Interface Type	<b>Eurocard/DIN 41612</b>
Mechanical Attachment	Mounting Angle	<b>Vertical</b>
	PCB Mount Alignment	<b>Without</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment Type	<b>Polarization</b>
	Mating Alignment	<b>With</b>
	Mating Retention	<b>With</b>
Housing Features	Housing Material	<b>Polyester - GF</b>
Dimensions	Tail Length (mm)	<b>4.5</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
Packaging Features	Packaging Method	<b>Tray</b>

[VIEW ALL PRODUCT COMPLIANCE](#)