



EUROCARD CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

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TE CONNECTIVITY (TE)

48P.IEC-F.MALE CONN

EUROCARD | Eurocard

2-164045-4

TE Internal Number: 2-164045-4

Converted to EU RoHS/ELV Compliant

Connector Style **Plug**

Applies To **Printed Circuit Board**

Mounting Angle **Right Angle**

Number of Columns **16**

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

Product Drawings

[48 POS. DIN 41612 F MALE 90 DEG. SOLDER CONNECTOR](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_STP.ZIP
English

Product Specifications

Workmanship Specification

[Ocena Wizualna Zlaczy IEC F-Male](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_2-164045-4_07222014553_dmtec](#)

PDF
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

Plug

Applies To

Printed Circuit Board

Row-to-Row Spacing (mm)	2.54
DIN Level	II
Type	Type F
Pre-Notched to Break Off	No
Product Type	Connector
Make First / Break Last	No
Post Type	Solder Post
Connector Type	Connector Assembly

Configuration Features	Number of Columns	16
	Number of Positions	48
	Number of Rows	3
	Rows Loaded	Z, B, D

Body Features	Color	Gray
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Contact Features	Contact Transmits (Typical)	Signal (Data)
	Contact Base Material	Brass
	Contact Termination Area Plating Material	Tin-Lead
	Contact Type	Pin
	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µm)	.76

Termination Features	Termination Post Length	2.9 mm [.114 in]
	Interface Type	Eurocard/DIN 41612

Mechanical Attachment	Mounting Angle	Right Angle
	PCB Mount Alignment	Without
	Panel Mount Retention	Without
	Mating Alignment Type	Keyed
	Mating Alignment	With
	Mating Retention	With

Housing Features	Centerline	2.54 mm [.1 in]
	Housing Material	Thermoplastic Polyester - GF

Dimensions	Tail Length (mm)	6.1
	Height (mm)	21.8
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tray
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

Products - 2 Results

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Relation Type 

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Eurocard Connectors
EUROCARD | Eurocard

48P.IEC-F FEM.CONN.
- 166733-4

TE INTERNAL NUMBER: 166733-4

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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 **5.08 mm**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Eurocard Connectors
EUROCARD | Eurocard

48P.IEC-F FEM.CONN.
- 2-166648-4

TE INTERNAL NUMBER: 2-166648-4

 Active

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 **5.08 mm**



