



**CONNECTORS**

**CARD EDGE POWER CONNECTORS**



✓ Active

TE CONNECTIVITY (TE)

## CONN SEC II 13 POS 100C/L

Standard Edge Connectors | L , Standard

5145274-1

TE Internal Number: 5145274-1

EU RoHS Compliant

EU ELV Compliant

**Connector System** Board-to-Board

**Number of Positions** 26

**Centerline (Pitch)** 2.54 mm [ .1 in ]

**Connector & Contact Terminates To** Printed Circuit Board

**Contact Current Rating (Max) (A)** 3

[↓ PRODUCT DRAWING](#)  
English

[↓ 3D PDF](#)

### DOCUMENTATION

Product Drawings

#### CONNECTOR ASSEMBLY, STANDARD EDGE II, 2.54 [.100]

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

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Product Specifications

Product Specification

## Connector, Standard Edge

PDF

English

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Product Environmental Compliance

TE Material Declaration

## MD\_5145274-1\_012720151542\_dmtec

PDF

English

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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Product Type Features

**Housing Type** Receptacle

**Connector System** Board-to-Board

**Connector & Contact Terminates To** Printed Circuit Board

**Contact Type** Socket

**Product Type** Connector Assembly

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Configuration Features

**Selectively Loaded** No

**Number of Positions** 26

**Number of Power Positions** 26

**Number of Dual Positions** 13

**Number of Single Positions** 0

**Row-to-Row Spacing** 4.85 mm [.191 in]

**Number of Rows** 2

**PCB Retention Location** 3, 4, 23, 24

**Position Keyed** 0

**PCB Mounting Orientation** Vertical

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Electrical Characteristics

**Operating Voltage (VAC)** 400

**Operating Voltage** 400 V

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Contact Features

**Underplate Material** Nickel  
**Contact Current Rating (Max) (A)** 3  
**Contact Mating Area Plating Material** Gold  
**Contact Mating Area Plating Thickness** .38  $\mu\text{m}$  [ 15  $\mu\text{in}$  ]  
**Contact Termination Area Plating Material** Tin  
**Contact Termination Area Plating Thickness ( $\mu\text{in}$ )** 100  
**Contact Termination Area Plating Thickness ( $\mu\text{m}$ )** 2.54  
**Contact Base Material** Phosphor Bronze  
**Contact Retention** Without  
**Contact Termination Area Plating Finish** Matte

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#### Termination Features

**Termination Method to PC Board** Through Hole - Solder  
**Termination Post/Tail Length** 3.18 mm [ .125 in ]

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#### Mechanical Attachment

**PCB Mount Alignment** Without  
**Mating Retention** Without  
**PCB Mount Retention Type** Retention Solder Tails  
**PCB Mount Retention** With  
**Mating Alignment Type** Keyed  
**Mating Alignment** With

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#### Housing Features

**Centerline (Pitch)** 2.54 mm [ .1 in ]  
**Housing Material** Polyester GF  
**End Caps** Without  
**Housing Color** Black

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#### Dimensions

**Power Contact Centerline (in)** .1  
**Height** 15.24 mm [ .6 in ]  
**Card Slot Depth** 8.64 mm [ .34 in ]

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#### Usage Conditions

**Operating Temperature Range ( $^{\circ}\text{C}$ )** -55 – 85

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#### Operation/Application

**Circuit Application** Power, Signal

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#### Industry Standards

**UL Flammability Rating** UL 94V-0

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#### Packaging Features

**Packaging Method** Box  
**Packaging Quantity** 252

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#### Other

Positions Unloaded None  
For Use With Printed Circuit Board

## PRODUCT COMPLIANCE



Statement of Compliance

### Statement of Compliance

PDF

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