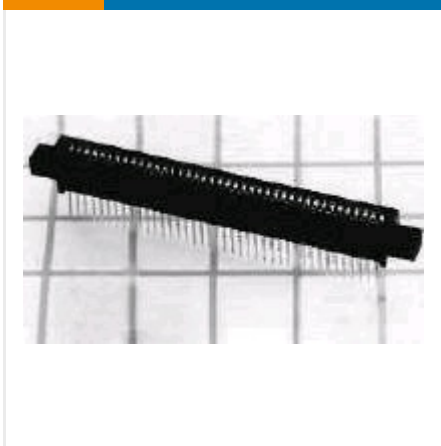




CONNECTORS

CARD EDGE POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

CONN SEC II 50 POS 100C/L

Standard Edge Connectors | L , Standard

1-5530841-1

TE Internal Number: 1-5530841-1

EU RoHS Compliant

EU ELV Compliant

Connector System Board-to-Board

Number of Positions 50

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] CENTERLINE

PDF (TIFF AVAILABLE)

English

CAD Files

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

3D PDF

PDF

English

Product Specifications

Product Specification

Connector, Standard Edge

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

Housing Type Receptacle

Connector System Board-to-Board

Connector & Contact Terminates To Printed Circuit Board

Contact Type Socket

Product Type Connector Assembly

Configuration Features

Selectively Loaded No

Number of Positions 50

Number of Power Positions 100

Number of Dual Positions 50

Number of Single Positions 0

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

Mounting Ear Position Low

Number of Rows 2

Position Keyed 0

PCB Mounting Orientation Vertical

Electrical Characteristics

Operating Voltage (VAC) 400

Operating Voltage 400 V

Contact Features

Underplate Material Nickel
Contact Current Rating (Max) (A) 3
Contact Mating Area Plating Material Gold
Contact Mating Area Plating Thickness .76 μm [30 μin]
Contact Termination Area Plating Material Tin
Contact Termination Area Plating Thickness (μin) 100
Contact Termination Area Plating Thickness (μm) 2.54
Contact Base Material Phosphor Bronze
Contact Retention Without
Contact Termination Area Plating Finish Matte

Termination Features

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

Mechanical Attachment

Panel Mount Retention Type Mounting Ears
PCB Mount Alignment Without
Mating Retention Without
PCB Mount Retention Type Mounting Ears
PCB Mount Retention With
Mating Alignment Type Keyed
Mating Alignment With

Housing Features

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

Dimensions

Power Contact Centerline (in) .1
Height 15.55 mm [.67 in]
Card Slot Depth 7.55 mm [.301 in]

Usage Conditions

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

Operation/Application

Circuit Application Power, Signal

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Box
Packaging Quantity 54

Other

Positions Unloaded None
For Use With Printed Circuit Board

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
