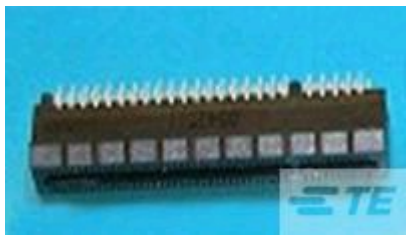
TE Connectivity: Every Connection Counts
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CONNECTORS

CARD EDGE POWER CONNECTORS



✔ Active

TE CONNECTIVITY (TE)

CONN SEC II 50 POS 100C/L

Standard Edge Connectors | L , Standard

5645235-3
TE Internal Number: 5645235-3

EU RoHS Compliant
EU ELV Compliant

Connector System Board-to-Board

Number of Positions 100

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

Downloaded from Arrow.com.

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 100
Number of Power Positions 100
Number of Dual Positions 50
Number of Single Positions 0
Row-to-Row Spacing 4.85 mm [.241 in]
Number of Rows 2
PCB Retention Location 3-6, 49-52, 95-98
Position Keyed 0
PCB Mounting Orientation Vertical

Electrical Characteristics

Operating Voltage (VAC) 400
Operating Voltage 400 V

Contact Features

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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

PCB Mount Alignment Without
Mating Retention Without
PCB Mount Retention Type Solder Tails
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 15.5 mm [.62 in]
Card Slot Depth 7.5 mm [.296 in]

Usage Conditions

Operating Temperature Range (°C) -55 – 85

Operation/Application

Circuit Application Power, Signal

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Box
Packaging Quantity 72

Other

Downloaded from Arrow.com.

Positions Unloaded None
For Use With Printed Circuit Board

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF

Downloaded from Arrow.com.