



CONNECTORS

CARD EDGE POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

CONN SEC II 12 POS 100C/L

Standard Edge Connectors | L , Standard

5530843-1

TE Internal Number: 5530843-1

Alias ID: 1091636

EU RoHS Compliant

EU ELV Compliant

Connector System Board-to-Board

Number of Positions 24

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, .100 CENTERLINE

PDF

English

CAD Files

Customer View Model

2D_DXF.ZIP

English

3D PDF

PDF

3D

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Application Specification

Standard Edge Card (SEC) II, SEC II Power, And High Current Card Edge Connectors

PDF

English

Product Specification

Connector, Standard Edge

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_5530843-1_0630201400_dmtec

PDF

English

Agency Approvals

Agency Approval Document

Standard Edge II And III+ Connector REPORT

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 24
Number of Power Positions 24
Number of Dual Positions 12
Number of Single Positions 0
Row-to-Row Spacing 4.85 mm [.191 in]
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

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 15.49 mm [.61 in]
Card Slot Depth 7.49 mm [.295 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 270

Other

Positions Unloaded None

For Use With Printed Circuit Board

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
