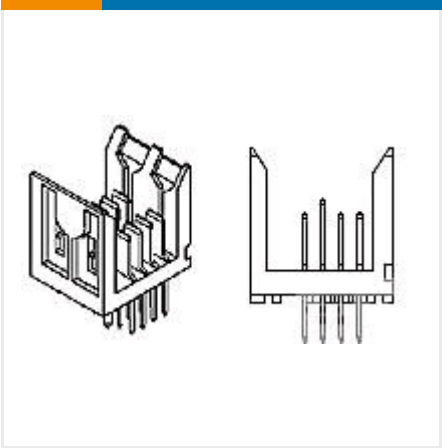




+ CONNECTORS

RECTANGULAR POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
2MM FB,PWR,HDR,ASY,008,SEQ
Z-PACK | Future Bus+

5536606-1
TE Internal Number: 5536606-1

EU RoHS Compliant
EU ELV Compliant

Product Type Header

Housing Type Plug

Connector System Board-to-Board

Number of Positions 8

Centerline (Pitch) 2 mm [.079 in]

↓ PRODUCT DRAWING
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

ASSEMBLY, PIN, POWER, VERTICAL, Z-PACK 2mm FB, 4 ROW, PRESS FIT LEADS, SEQUENCED BY ROW

PDF (TIFF AVAILABLE)

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

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

- Product Type** Header
- Housing Type** Plug
- Connector System** Board-to-Board
- Connector & Contact Terminates To** Printed Circuit Board
- Contact Type** Pin

Configuration Features

- Number of Positions** 8
- PCB Mounting Orientation** Vertical
- Number of Power Positions** 8
- Number of Signal Positions** 0
- Number of Rows** 4
- Row-to-Row Spacing** 2 mm [.079 in]
- Board-to-Board Configuration** Right Angle
- Contact Layout** Matrix
- Interface Type** Futurebus+

Electrical Characteristics

- Operating Voltage (VAC)** 30
- Operating Voltage (VDC)** 30

Contact Features

- Contact Current Rating (Max) (A)** 3, 5
- Contact Retention** With
- Contact Termination Area Plating Material** Tin
- Contact Mating Area Plating Material** Gold
- Contact Termination Area Plating Thickness** 3.81 – 8.89 µm [150 – 350 µin]
- Contact Base Material** Phosphor Bronze
- Contact Termination Area Plating Finish** Matte

Termination Features

- Termination Method to PC Board** Through Hole - Press-Fit
- Termination Post/Tail Length** 3.43 mm [.135 in]

Mechanical Attachment

Mating Alignment Type Polarizing Rib
PCB Mount Retention Type Action/Compliant Tail

Housing Features

Centerline (Pitch) 2 mm [.079 in]
UL Flammability Rating UL 94V-0
Housing Material LCP (Liquid Crystal Polymer)

Dimensions

Height 17 mm [.6681 in]
Width 16 mm [.622 in]
PCB Thickness (Recommended) 1.6 mm [.063 in]

Usage Conditions

Operating Temperature Range (°C) -55 – 125
Sealed Condition Not Sealed

Operation/Application

Circuit Application Power
Special Features Make First / Break Last, Sequencing

Industry Standards

Glow Wire Rating Standard Part - Not Glow Wire

Packaging Features

Packaging Method Tube
Packaging Quantity 48

Other

For Use With Receptacle Assembly

PRODUCT COMPLIANCE

+

Statement of Compliance

Statement of Compliance
PDF