

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

 **PRODUCT DRAWING**

English

 **3D PDF**

TE CONNECTIVITY (TE)
2MM FB,ASY,096,SIG,REC,SL,2.73
Z-PACK | Future Bus

536507-3

TE Internal Number: 536507-3

Alias ID: 650-1166-01

5 of 6 EU RoHS/ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Receptacle**

Centerline **2 mm [.079 in]**

Number of Positions **96**

Packaging Method **Tube**

Contact Mating Area Plating Material **Gold**

Product Drawings

RECEPTACLE ASSEMBLY, SIGNAL MODULE, Z-PACK 2mm FB, 4 ROW, 2.73mm LEAD LENGTH

PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model
3D_IGS.ZIP
English

Customer View Model
3D_STP.ZIP
English

Customer View Model
2D_DXF.ZIP
English

Product Specifications

Application Specification

Z-PACK 2 Mm FB (Futurebus+) Receptacle And Pin Header Connectors
PDF
English

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

Connector Style

Receptacle

PCB Mounting Orientation

Right Angle

Row-to-Row Spacing

2 mm [.079 in]

Product Type

Connector

| | | |
|----------------------------|---|-------------------------------------|
| Applies To | Printed Circuit Board | |
| Boss | Without | |
| Post Type | Solder Post | |
| Module Type | Signal | |
| Connector Type | Connector Assembly | |
| <hr/> | | |
| Configuration Features | Number of Positions | 96 |
| | Sequencing | No |
| | Number of Signal Positions | 96 |
| | Number of Rows | 4 |
| | Stackable | No |
| <hr/> | | |
| Electrical Characteristics | Voltage (VAC) | 30 |
| <hr/> | | |
| Body Features | Post Plating Material | Tin-Lead over Nickel |
| <hr/> | | |
| Contact Features | Contact Mating Area Plating Material | Gold |
| | Contact Mating Area Plating Thickness (μ in) | 30 |
| | Contact Current Rating (A) | 5 |
| | Contact Type | Socket |
| | Solder Tail Contact Plating Material | Tin-Lead over Nickel |
| | Contact Layout | Matrix |
| | Solder Tail Contact Plating Thickness (μ in) | 150 |
| | Contact Base Material | Phosphor Bronze |
| <hr/> | | |
| Termination Features | Interface Type | Futurebus+ |
| | Termination Method to PC Board | Through Hole |
| | Termination Post Length | 2.73 mm [.107 in] |
| <hr/> | | |
| Mechanical Attachment | PCB Mount Retention | Without |
| <hr/> | | |
| Housing Features | Centerline | 2 mm [.079 in] |
| | Housing Material | LCP (Liquid Crystal Polymer) |
| | Housing Color | Natural |
| <hr/> | | |
| Dimensions | Tail Length | 2.73 mm [.107 in] |
| | Height | 11.8 mm [.464 in] |

| | |
|-----------------------------|--|
| PCB Thickness (Recommended) | 1.3 mm [.05 in] |
| Usage Conditions | Operating Temperature Range (°C) -55 – 125 |
| Operation/Application | Pick and Place Cover Without Assembly Process Feature None For Use With Mates with Headers |
| Packaging Features | Packaging Method Tube Packaging Quantity 12 |

Product Compliance [Statement of Compliance](#)
PDF
[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 3 Results

[View All](#)

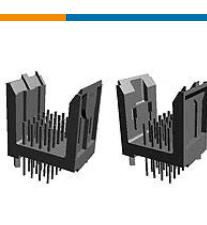
Compare 0/10 

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

| PRODUCT - MATING PRODUCTS | |
|---|---|
|  | Connectors - Board-to-Board Headers & Receptacles Z-PACK I Future Bus+ 2MM FB, ASY, 96, SIG, HDR, SL, 4.25 - 536501-3 TE INTERNAL NUMBER: 536501-3 ALIAS ID: 651-1135-01 <input checked="" type="checkbox"/> Active |
| | 5 of 6 EU RoHS/ELV Compliant |
| | Connector Style Plug Centerline 2 mm Number of Positions 96 Packaging Method Tube Contact Mating Area Plating Material Gold |
| | <input checked="" type="checkbox"/> |

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

| PRODUCT - MATING PRODUCTS | |
|---|--|
|  | Connectors - Board-to-Board Headers & Receptacles Z-PACK I Future Bus+ 2MM FB, ASY, 096, SIG, |
| | Not EU RoHS or ELV Compliant |
| | Connector Style Plug Centerline 2 mm |

HDR, EN, 6.50 - 536504-3

TE INTERNAL NUMBER: 536504-3
ALIAS ID: 2-42936-9583

✓ Active

View Technical Drawing

Number of Positions **96**

Packaging Method **Tube**

Contact Mating Area Plating

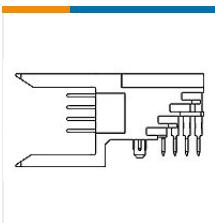
Material **Gold**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Board-to-Board Headers &
Receptacles
Z-PACK I Future Bus+
**2MMFB, IS, ASY, 096,
SIG, HDR, SL - 223513-3**
TE INTERNAL NUMBER: 223513-3

✓ Active



5 of 6 EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2 mm**

Number of Positions **96**

Packaging Method **Tube**

Contact Mating Area Plating

Material **Gold Flash over**

Palladium Nickel