



+ CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
1FHR,64,50A/P,S,C,R13
1.0mm FH | 1mm FH

2007042-3
TE Internal Number: 2007042-3

Not EU RoHS Compliant
Not Yet Reviewed for EU ELV

Connector Style Receptacle
Connector System Board-to-Board
Number of Positions 64
Centerline (Pitch) 1 mm [.039 in]
Stack Height 13 mm [.512 in]

↓ PRODUCT DRAWING
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

RECEPTACLE ASSY, W/ VACUUM COVER, 1.0mm FH(IEEE 1386) CONNECTOR
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model
2D_DXF.ZIP
English

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

- Connector Style** Receptacle
- Connector System** Board-to-Board
- Connector & Contact Terminates To** Printed Circuit Board
- Row-to-Row Spacing** 1 mm [.0472 in]
- Series** 1mm FH
- PCB Mounting Orientation** Vertical
- Connector Type** Connector Assembly
- Boss** With
- Product Type** Connector

Configuration Features

- Stackable** Yes
- Number of Columns** 32
- Number of Positions** 64
- Board-to-Board Configuration** Mezzanine
- Number of Rows** 2

Electrical Characteristics

- Dielectric Withstanding Voltage (VAC)** 250
- Voltage (VAC)** 250

Contact Features

- Solder Tail Contact Plating Material** Tin-Lead
- Underplate Material** Nickel
- Contact Plating Material** Nickel, Tin-Lead
- Contact Plating Thickness** .127 – .254, 2
- Contact Mating Area Plating Material** Gold
- Contact Mating Area Plating Thickness** 1.27 µm [50 µin]
- Contact Current Rating (Max) (A)** 1
- Solder Tail Contact Plating Thickness** 3.81 µm [149.9997 µin]
- Contact Termination Area Plating Thickness** 3.81 µm [150 µin]
- Contact Layout** Inline
- Underplate Material Thickness** 1.27 µm [50 µin]
- Contact Base Material** Phosphor Bronze
- Contact Transmits (Typical)** Signal (Data)
- Contact Type** Socket
- Contact Termination Area Plating Material** Tin-Lead

Termination Features

Termination Method to PC Board Surface Mount

Mechanical Attachment

Mating Alignment Without
Mating Alignment Type None
PCB Mount Retention Without
PCB Mount Retention Type None
PCB Mount Alignment With
PCB Mount Alignment Type Locating Posts

Housing Features

Centerline (Pitch) 1 mm [.039 in]
Housing Entry Style Top
Housing Material Polyphthalamide
Housing Color Black

Dimensions

Stack Height 13 mm [.512 in]
Height 8.37 mm [.328941 in]
Tail Length 2.05 mm [.081 in]
Width 6.04 mm [.238 in]

Operation/Application

Assembly Process Feature None
Pick and Place Cover With
For Use With Plug Assembly

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Reel
Packaging Quantity 400

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance
PDF