



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
