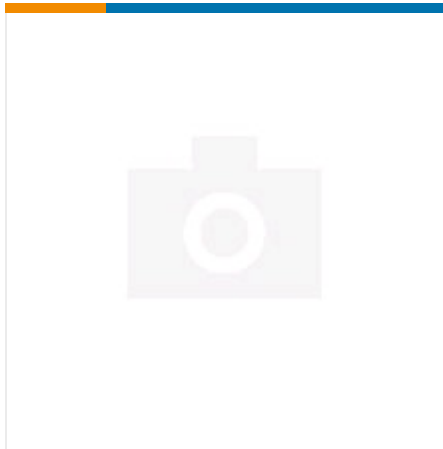




CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

ON TAPING (EMBOSS) 0.5MM PITCH

0.5mm Fine Stack | .5mm Fine Stack

8-5353159-5

TE Internal Number: 8-5353159-5

EU RoHS Compliant

EU ELV Compliant

Connector Style Receptacle

Number of Positions 80

Centerline (Pitch) .5 mm [.0197 in]

Stack Height 1.5 mm [.059 in]

Packaging Method Tape & Reel

[↓ PRODUCT DRAWING](#)
Japanese

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

ON TAPING EMBOSS 0.5mm PITCH FS CONN. RECEPTACLE ASSEMBLY WITH FILM

PDF (TIFF AVAILABLE)

Japanese

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

Product Specification

PRODUCT SPEC FOR 0.5mm PITCH FINE STACK CONN. H=1.5mm

PDF

English

Instruction Sheets

Instruction Sheet (non U.S.)

0.5MM F-S CONNECTOR(H 1.5MM) (BOARD TO BOARD SMT TYPE) HANDLING AND OPERATION INSTRUCTION SHEET

TIF

English

0.5MM F-S CONNECTOR(H 1.5MM) (BOARD TO BOARD SMT TYPE) HANDLING AND OPERATION INSTRUCTION SHEET

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

Connector Style Receptacle

Connector & Contact Terminates To Printed Circuit Board

Series Fine Stack

PCB Mounting Orientation Vertical

Boss Without

Product Type Connector

Configuration Features

Stackable Yes

Number of Positions 80

Board-to-Board Configuration Mezzanine

Number of Rows 2

Electrical Characteristics

Dielectric Withstanding Voltage (VAC) 500

Insulation Resistance (VAC) 100

Voltage (VAC) 250

Insulation Resistance (MΩ) 500

Contact Features

Solder Tail Contact Plating Material Gold
Contact Mating Area Plating Material Gold
Contact Mating Area Plating Thickness .76 µm [30 µin]
Contact Current Rating (Max) (A) .3
Solder Tail Contact Plating Thickness .05 µm [2 µin]
Contact Base Material Copper Alloy
Contact Type Socket
Contact Layout Inline

Termination Features

Termination Method to PC Board Surface Mount

Mechanical Attachment

Mating Alignment Type Not polarized
PCB Mount Retention Without
PCB Mount Retention Type None
PCB Mount Alignment Without
PCB Mount Alignment Type None

Housing Features

Centerline (Pitch) .5 mm [.0197 in]
Housing Material High heat-resisted resin
Housing Color Black

Dimensions

Stack Height 1.5 mm [.059 in]

Usage Conditions

Operating Temperature Range -30 – 105 °C [-22 – 221 °F]
Housing Material Temperature High

Operation/Application

Pick and Place Cover With
For Use With Plug

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tape & Reel
Packaging Quantity 1500

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
