



CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

MSB0.80RC-ASY84DP,GP,F,VCTY

MICTOR | HMD TO-5 Relay

3-1658043-3

TE Internal Number: 3-1658043-3

EU RoHS Compliant

EU ELV Compliant

Connector Style Receptacle

Connector System Board-to-Board

Number of Positions 84

Centerline (Pitch) .8 mm [.031 in]

Stack Height (mm) 5, 8, 11, 16, 19, 22, 25, 30

Stack Height (in) 1.181

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

RECEPTACLE ASSEMBLY, VERTICAL, 0.80MM CL, MICTOR SB

PDF (TIFF AVAILABLE)

English

CAD Files

3D PDF

PDF

English

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Application Specification

MICTOR SB Vertical Connectors For Surface Mount Technology (SMT) Printed Circuit (PC) Board Applications

PDF

English

Product Specification

MICTOR SB (True SMT) Connector

PDF

English

Qualification Test Report

MICTOR SB (True SMT) Connector

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 System Board-to-Board

Connector & Contact Terminates To Printed Circuit Board

Row-to-Row Spacing 3.47 mm [.136371 in]

Series MICTOR SB

PCB Mounting Orientation Vertical

Connector Type Connector Assembly

Boss With

Product Type Connector

Configuration Features

Selectively Loaded Differential Load

Stackable No

Number of Positions 84

Number of Rows 2

Electrical Characteristics

Impedance 50 Ω

Dielectric Withstanding Voltage (VAC) 675

Voltage (VAC) 125

Insulation Resistance (M Ω) 5000

Body Features

Polyamide Film Pad With

Contact Features

Solder Tail Contact Plating Material Gold over Nickel
Contact Configuration Single Beam
Contact Mating Area Plating Material Select Gold Flash
Contact Current Rating (Max) (A) 1.25, 9.5
Contact Base Material Phosphor Bronze
Signal Contact Material Phosphor Bronze
Ground Contact Material Phosphor Bronze
Contact Type Socket

Termination Features

Termination Method to PC Board Surface Mount

Mechanical Attachment

Mating Alignment Type Guide Post
PCB Mount Retention Without
PCB Mount Alignment Type Locating Posts

Housing Features

Centerline (Pitch) .8 mm [.031 in]
Housing Material LCP (Liquid Crystal Polymer)
Housing Color Black

Dimensions

Stack Height (mm) 5, 8, 11, 16, 19, 22, 25, 30
Stack Height (in) 1.181
Height 3.05 mm [.119865 in]

Usage Conditions

Operating Temperature Range -65 – 125 °C [-85 – 257 °F]

Operation/Application

Assembly Process Feature None
Pick and Place Cover Without
For Use With Header

Packaging Features

Packaging Method Box & Tray, Tray
Packaging Quantity 42

Other

Comment Use of stand offs recommended. Contact Product Engineering for recommendations.

Statement of Compliance

Statement of Compliance

PDF
