



2-1658012-4 Product Details

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TE Internal Number: 2-1658012-4

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MICTOR SB Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- MICTOR SB Product Line
- Board-to-Board
- Connector
- Connector Assembly
- Connector Style = Receptacle

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, VERTICAL 0.80MM CL](#), (PDF, English)

Catalog Pages/Data Sheets:

- [MICTOR SB Interconnection System](#) (PDF, English)

Product Specifications:

- [MICTOR SB \(True SMT\) Connector](#) (PDF, English)

Application Specifications:

- [MICTOR SB Vertical Connectors for Surface Mount Tech...](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version M)
- [3D Model](#) (IGES, Version M)
- [3D Model](#) (STEP, Version M)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)
- [High Speed MICTOR SB Cable Assemblies](#)

Related Products:

- [Tooling](#)
- [Mating Products \(48\)](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Line = MICTOR SB
- Product Type = Connector
- Connector Type = Connector Assembly

Electrical Characteristics:

- Impedance (Ω) = 50

Dimensions:

- Stack Height (mm [in]) = 5.00 [0.197], 8.00 [0.315], 11.00 [0.433], 16.00 [0.630], 19.00 [0.748], 22.00 [0.866], 25.00 [0.984], 30.00 [1.181]

Body Features:

- Polyamide Film Pad = With

Contact Features:

- Contact Loading Pattern = Fully Loaded
- Contact Plating, Mating Area, Material = Select Gold
- Solder Tail Contact Plating = Gold over Nickel
- Contact Material (Ground) = Phosphor Bronze
- Contact Material (Signal) = Phosphor Bronze

Housing Features:

- Connector Style = Receptacle
- Centerline (mm [in]) = 0.80 [0.031]
- Housing Color = Black
- Housing Material = Liquid Crystal Polymer (LCP)

Configuration Features:

- Number of Positions = 160

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

- Applies To = Printed Circuit Board
- Temperature Range (°C) = -65 - +125

Operation/Application:

- Application Use = Board-to-Board

Packaging Features:

- Packaging Method = Tray

Other:

- Brand = AMP
- Comment = Use of stand offs recommended. Contact Product Engineering for recommendations.

Feedback

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