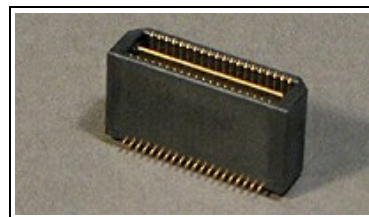




3-1658015-1 Product Details



3-1658015-1

TE Internal Number: 3-1658015-1



[View 3D PDF](#)

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 = Plug

[View all Features](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)



[Add to My Part List](#)



[Request Sample](#)



[Find Similar Products](#)



[Buy Product](#)

Documentation & Additional Information

Product Drawings:

- [HEADER ASSEMBLY, 11.0MM \[.433\] VERTICAL, 0.80MM CL, ... \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- None Available

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 \(DXF, Version H\)](#)
- [3D Model \(IGES, Version H\)](#)
- [3D Model \(STEP, Version H\)](#)

[List all Documents](#)

Additional Information:

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

Related Products:

- [Tooling](#)

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]) = 11.00 [0.433]

Body Features:

- Polyamide Film Pad = With

Contact Features:

- Contact Loading Pattern = Differential Load
- 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 = Plug
- Centerline (mm [in]) = 0.80 [0.031]
- Housing Color = Black
- Housing Material = Liquid Crystal Polymer (LCP)

Configuration Features:

- Number of Positions = 28

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.

Corporate Information

[About TE](#)
[Investors](#)
[News Room](#)
[Supplier Portal](#)
[Careers](#)
[Terms & Conditions](#)
[Privacy Policy](#)
[AODA Accessibility Policy](#)
[AODA Multi-Year Accessibility Plan](#)

Quick Links

[Distributor Inventory](#)
[Product Cross Reference](#)
[Documents & Drawings](#)
[Product Compliance Support Center](#)
[Site Map](#)

Customer Support

[Email or Chat With Us](#)
[Find a Phone Number](#)
[Knowledge Base](#)
[Manage Your Account](#)

Keep Me Informed

