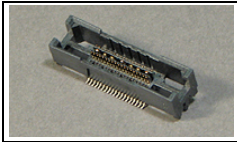


767054-1 Product Details



767054-1

TE Internal Number: 767054-1

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.025 [0.64] Centerline Matched Impedance Connector (MICTOR)

 [5 of 6 EU RoHS/ELV Compliant](#) ([Find RoHS Compliant Alternates](#)/[Statement of Compliance](#))

Product Highlights:

- Connector
 - Connector Type = Receptacle
 - Mated Stack Height (Vertical) = 6.60 mm, 9.00 mm, 10.92 mm, 12.57 mm, 17.96 mm, 18.75 mm, 20.00 mm, 22.86 mm
 - 38 Positions
 - Vertical Mount Angle
- [View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, VERTICAL, .025\[0.64\]CL, GULL WI...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [HIGH SPEED, CONTROLLED IMPEDANCE TWO-PIECE CONNE... \(1\)](#) (PDF, English)
- [HIGH SPEED, CONTROLLED IMPEDANCE TWO-PIECE CONNE... \(2\)](#) (PDF, English)
- [MICTOR Interconnection System](#) (PDF, English)
- [FINE PITCH STACKING CONNECTORS \(PARALLEL BRD TO BRD \(1\)\)](#) (PDF, English)
- [FINE PITCH STACKING CONNECTORS \(PARALLEL BRD TO BRD \(2\)\)](#) (PDF, English)
- [FINE PITCH STACKING CONNECTORS \(PARALLEL BRD TO BRD \(3\)\)](#) (PDF, English)

Product Specifications:

- [Surface Mount Matched Impedance Connector](#) (PDF, English)

Application Specifications:

- [MICTOR Vertical Connectors for Surface Mount Techno...](#) (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)

Additional Information:

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

Related Products:

- [Tooling](#)
- [Mating Products \(28\)](#)

[List all Documents](#)

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

Product Type Features:

- Product Type = Connector
- Connector Type = Receptacle
- Number of Positions = 38
- Mount Angle = Vertical

Termination Related Features:

- Termination End Plating = Tin-Lead over Nickel

Body Related Features:

- Vacuum Cover = Without
- Centerline (mm [in]) = 0.64 [0.025]
- Ground Bus Lead Length (mm [in]) = 2.74 [0.108]
- Ground Bus Material = Phosphor Bronze
- Ground Bus Mating Area Plating = Gold (5) over Palladium Nickel
- Ground Bus Terminating Area = Tin-Lead

Contact Related Features:

- Mated Stack Height (Vertical) (mm [in]) = 6.60 [0.260], 9.00 [0.354], 10.92 [0.430], 12.57 [0.495], 17.96 [0.707], 18.75 [0.738], 20.00 [0.785], 22.86 [0.900]
- Contact Plating, Mating Area, Material = Gold (5) over Palladium Nickel
- Contact Base Material = Copper Alloy

Housing Related Features:

- Housing Material = Liquid Crystal Polymer (LCP)

Industry Standards:

- [RoHS/ELV Compliance](#) = ELV compliant, 5 of 6 Compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C

Packaging Related Features:

- Packaging Method = Tube

Other:

- Ground Bus Lead Type = Barbed
- Brand = AMP

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