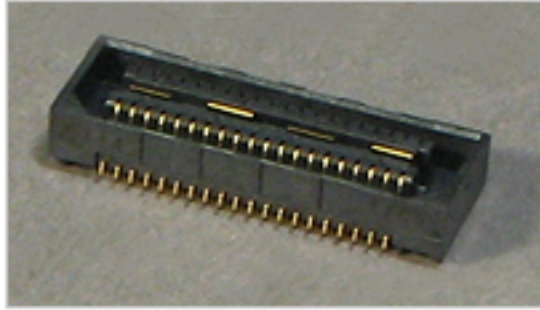


# 5-1658043-1 Product Details

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## MICTOR SB Connectors

MSB0.80RC-ASY28DP,GP,F,VCTR

**5-1658043-1**

TE Internal Number: 5-1658043-1

Active

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**Product Highlights** [View All](#)

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

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**Please Note:**  
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	Without

Contact Features	
Contact Loading Pattern	Differential Load
Contact Plating, Mating Area, Material	Select Gold Flash
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	LCP (Liquid Crystal Polymer)

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	Tape & Reel

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

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