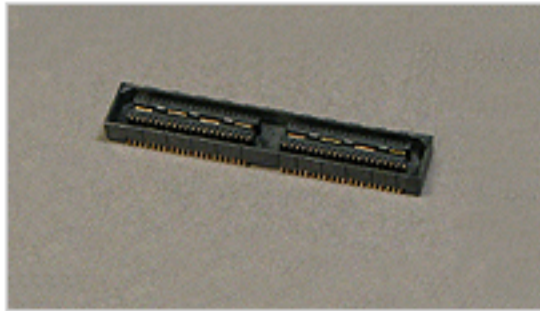




# 5-1658462-2 Product Details

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## MICTOR SB Connectors

MSB0.80RC-ASY56DP,GP,30,VCTR

**5-1658462-2**

TE Internal Number: 5-1658462-2

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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Documents

**Features**

Compliance

**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
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**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]
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**Body Features**

Polyamide Film Pad	Without
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**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]
Mating Alignment	With
Mating Alignment Type	Guide Post
Housing Material	LCP (Liquid Crystal Polymer)

**Configuration Features**

Number of Positions	56
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**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
Pick and Place Cover	Without

**Packaging Features**

Packaging Method	Pocket Tape
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**Other**

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

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