

Features

- Gold plated centre contact
- 50 Ohms Impedance
- Through Hole PCB Termination

RS PRO Coaxial Connectors

RS Stock No.: 2837154



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

SMB 50-ohm through hole PCB right angle jack for applications up to 4GHz. Contact is gold plated. SMA connectors feature a screw coupling. Typical applications are Mil/Aero, instrumentation, communications and many others.

General Specifications

Coaxial Connector Type	SMB Connector
Gender	Female
Mounting Type	Through Hole PCB
Termination Method	PCB
Body Orientation	Right Angle
Cable Type	N/A
Size	Sub-miniature
Bulkhead	No
Body Plating	Gold
Contact Material	Brass
Contact Plating	Gold
Application	Mil/Aero, Telecom, Instrumentation, security etc
Body Material	Brass
Type	SMB
Mating Type	Snap
Mating/Unmating	500 Cycles
Thermal Shock	MIL-STD-107, Method 204, Cond. B
Physical Shock	MIL-STD-202, Method 204, Cond. B
Insulation Material	PTFE
Standard Met	RoHS Compliant
Number Of Matings	500
Detent Type	Full Detent

Electrical Specifications

Impedance	50ohm
Polarity	Standard
Operating Frequency	0 to 4GHz
Voltage Rating	450V ac/dc
Dielectric Withstanding Voltage	1500 Volts RMS
Insulation Resistance	5000 Mega ohms Min.

Mechanical Specifications

Dimensions	6.4x10mm
Contact Retention	10N min
Cable Retention	100N min

Operation Environment Specifications

Minimum Operating Temperature	-55°C
Maximum Operating Temperature	155°C

Protection Category

IP Rating	IP30
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Approvals

Compliance/Certifications	RoHS Compliant
Declarations	Product compliance is in accordance with RoHS2 & WEEE Directives

