



COAXIAL

Termination

ROSE-50+

Mini-Circuits

50Ω DC to 6000 MHz SMB-Female

FEATURES

- SMB Connector with female center contact
- Wideband, DC to 6000 MHz
- Rugged Construction

*Generic photo used for illustration purposes only*

Model No.	ROSE-50+
Case Style	LL604
Connectors	SMB-Female

+RoHS Compliant

The +Suffix identifies RoHS Compliance.
See our website for methodologies and qualifications

APPLICATIONS

- Cellular Communications
- Test Setup
- Instrumentation
- PCS

ELECTRICAL SPECIFICATIONS

Parameter	Frequency (MHz)	Min.	Typ.	Max.	Units
Frequency Range		DC		6000	MHz
Impedance		50			Ohms
Return Loss	DC - 2000	30	—	—	dB
	DC - 4000	23	—	—	
	DC - 6000	20	—	—	
Power Rating ¹	DC - 6000	—	—	0.50	W

1. At 70°C, derate linearly at 0.005W/°C to .35W at 100°C.

ABSOLUTE MAXIMUM RATINGS¹

Parameter	Ratings
Operating Temperature	-55°C to +100°C
Storage Temperature	-55°C to +100°C

1. Permanent damage may occur if any of these limits are exceeded.

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ECO-016503
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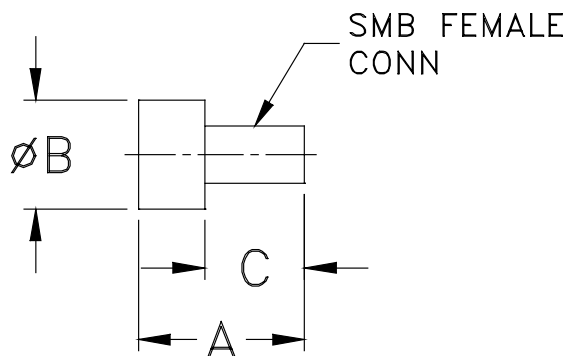
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OUTLINE DRAWING



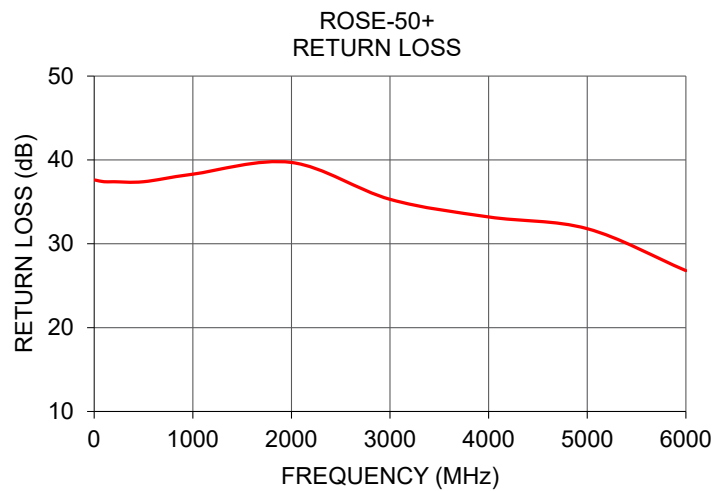
OUTLINE DIMENSIONS (Inch mm)

A	B	D	wt
0.55	0.36	0.33	grams
13.97	9.14	8.38	4.0



TYPICAL PERFORMANCE DATA

Frequency (MHz)	Return Loss (dB)
10	37.6
100	37.4
200	37.4
500	37.4
1000	38.3
2000	39.7
3000	35.3
4000	33.2
5000	31.8
6000	26.8



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