Coaxial

Matching Pad

BMP-5075R+

50/75Ω DC to 2000 MHz

CASE STYLE: FF747

Connectors	Model
75ΩF-BNC	BMP-5075R+
50ΩM-BNC	

+RoHS Compliant

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

Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Input Power	0.25W

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

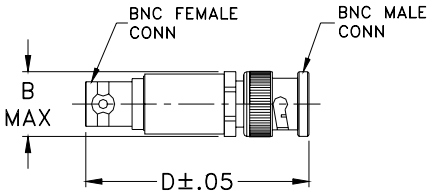
Features

- excellent VSWR 1.15: typ.
- excellent flatness
- wideband coverage, DC to 2000 MHz

Applications

- impedance matching

Outline Drawing



Outline Dimensions (inch / mm)

B	D	wt
.62	1.94	grams
15.75	49.28	30.0

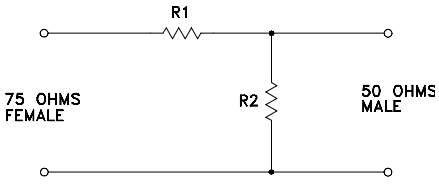
Electrical Specifications

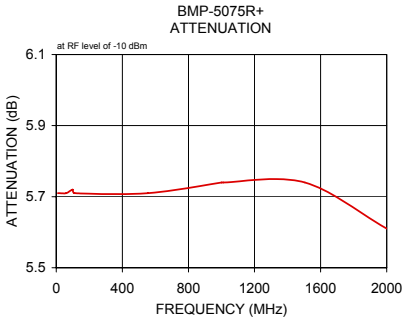
FREQ. (MHz)	ATTENUATION (dB) Flatness Max.				VSWR (:1) Max.			POWER (W)
f_L-f_U	Nom.	DC-100 MHz	100-1000 MHz	1000-2000 MHz	DC-100 MHz	100-1000 MHz	1000-2000 MHz	
DC-2000	5.7±0.1	0.2	0.3	0.4	1.06	1.22	1.4	0.25

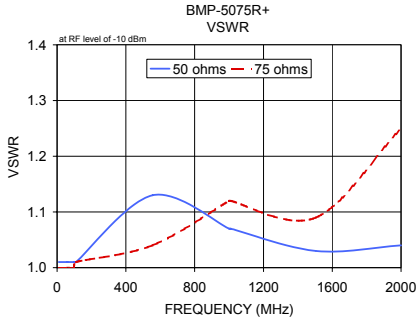
Typical Performance Data

Frequency (MHz)	Attenuation (dB)	VSWR (:1)	
		50 Ω	75 Ω
10.00	5.71	1.01	1.00
20.00	5.71	1.01	1.00
60.00	5.71	1.01	1.00
100.00	5.72	1.01	1.00
110.00	5.71	1.01	1.01
555.00	5.71	1.13	1.04
1000.00	5.74	1.07	1.12
1010.00	5.74	1.07	1.12
1505.00	5.74	1.03	1.09
2000.00	5.61	1.04	1.25

Electrical Schematic







Notes

A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
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