

Features

- low insertion loss, 0.3dB typ. @ passband
- high rejection
- shielded case
- aqueous washable

Applications

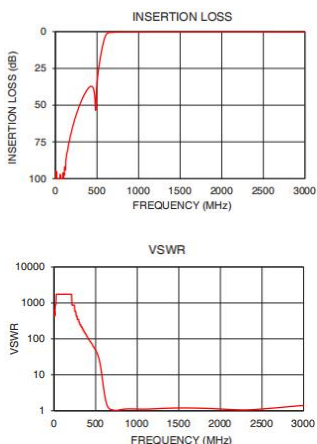
- transmitters / receivers
- sub-harmonic rejection
- military communications

Electrical Specifications at 25°C

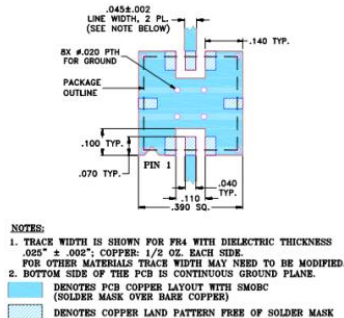
Parameter		Frequency(MHz)	Min.	Typ.	Max.	Unit
Pass Band	Reiection Loss	DC-500	20	30	-	dB
	VSWR	DC-500	-	20	-	:1
Stop Band,	Insertion Loss	700-3000	-	0.6	2.0	dB
	VSWR	700-3000	-	1.2	1.8	:1

Typical Performance Data at 25° C

Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)
1	99.92	434.30
280	51.65	347.44
500	35.33	48.26
540	17.82	28.03
575	7.77	9.74
600	3.11	3.65
618	1.49	2.08
638	0.79	1.42
700	0.42	1.06
1000	0.20	1.12
1320	0.17	1.16
1670	0.16	1.19
1870	0.15	1.16
1990	0.14	1.12
2200	0.13	1.06
2380	0.15	1.07
2540	0.17	1.14
2760	0.23	1.26
2000	0.29	1.35
3000	0.33	1.41



Suggested PCB Layout

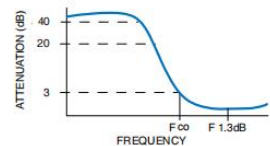


JY-RHP-700+

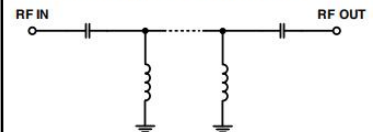


50Ω 700 to 3000 MHz

Typical Frequency Response



Functional Schematic



Pin Connections

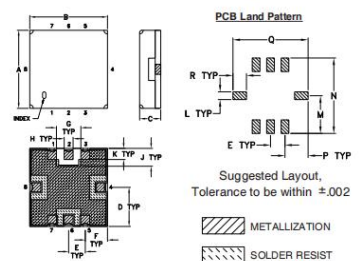
INPUT	2
OUTPUT	6
GROUND	1, 3, 4, 5, 7, 8

Maximum Ratings

Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input	0.5W at 25°C

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

Outline Drawing



Outline Dimensions: Unit (mm)

A	8.89	B	8.89	C	2.54
D	4.45	E	1.93	F	2.54
G	2.79	H	1.02	J	2.03
K	1.27	L	1.02	M	4.95
N	9.91	P	3.05	Q	9.91
WT		0.25		R	1.78