Bandpass Filter

JY-SXBP-1430+

50Ω 950 to 2150 MHz

Features
- wideband, 950 to 2150 MHz
- flat group delay @ passband, 1 nsec typ.
- good VSWR, 1.3:1 typ @ passband
- aqueous washable

Applications
- L-band satellite
- receivers / transmitters
- wireless communication systems

Maximum Ratings

Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input*	0.5W max.

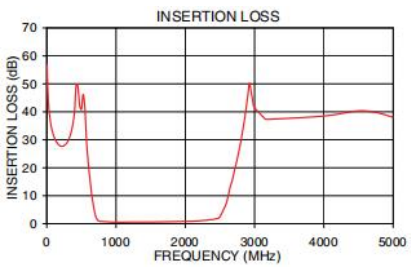
Permanent damage may occur if any of these limits are exceeded.

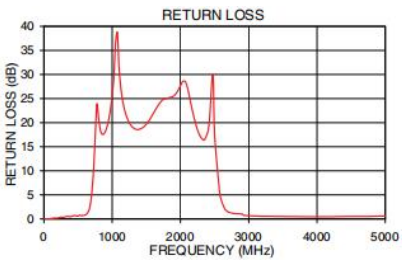
Pin Connections

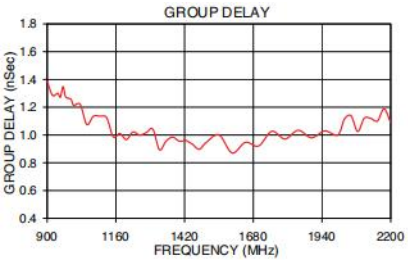
RF IN	1
RF OUT	8
GROUND	2, 3, 4, 5, 6, 7

Bandpass Filter Electrical Specifications

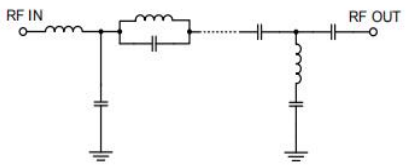
CENTER FREQ. (MHz)	PASSBAND (MHz) (Loss < 1.5dB)	STOPBANDS (MHz) (loss > 20 dB)	(loss > 30 dB)	VSWR (:1) Passband Typ.	Passband Max.	Stopband Typ.
1430	950-2150	575 2850	570 2850-5000	1.3	1.9	20



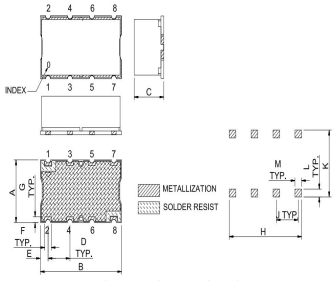




Functional Schematic



Outline Drawing

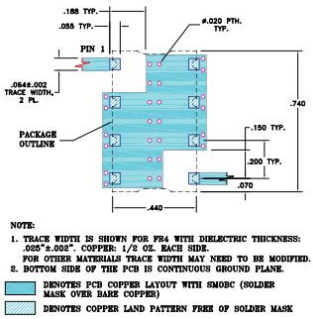


Suggested Layout Tolerance to be within ±0.5

Outline Dimensions: Unit (mm)

A	11.18	G	1.02
B	18.80	H	16.76
C	6.86	J	5.08
D	5.08	K	11.94
E	1.78	L	1.40
F	1.52	M	1.52
WT	3g		

Suggested PCB Layout



JY-SXBP-1430+

Tel : +86 0755-27881106
Fax : +86 0755-27597069
Add : 806 Building B7, Tianrui Industrial Park, Fuyong Street, Baoan District, Shenzhen