



Bandpass Filter

Features

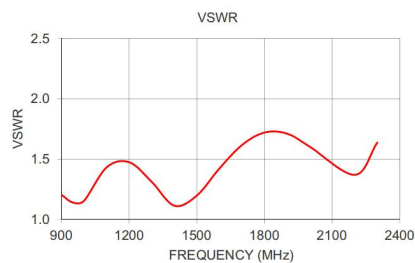
- 宽通带,950-2200 MHz ;
Extremely wide passband,950-2200 MHz
- LTCC结构 ; LTCC Construction
- 温度稳定性好 ; temperature stable
- 气密性好 ; hermetically sealed

Applications

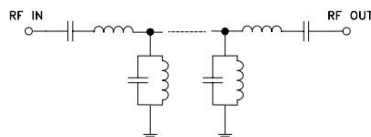
- 测试及测量设备 ; Test and Measurement Equipment
- 谐波抑制 ; Harmonic Rejection
- 卫星通信 ; SATCOM
- 发射机/接收机 ; Transmitters / Receivers

Electrical Specifications at 25°C

Parameter		Frequency(MHz)	Min.	Typ.	Max.	Unit
Pass Band	Center Frequency	-	-	1575	-	MHz
	Insertion Loss	950-2200	-	1.8	3.0	dB
	VSWR	950-2200	-	2.0	-	:1
Stop Band	Rejection Loss	DC-770	20	25	-	dB
		3000-5000	20	30	-	dB



Functional Schematic



JY-BFCG-162W+



50Ω 950 to 2200 MHz

Maximum Ratings

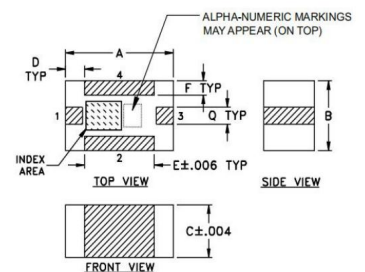
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power Input*	0.5W .at 25°C

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

Pin Connections

RF IN	1
RF OUT	3
GROUND	2,4

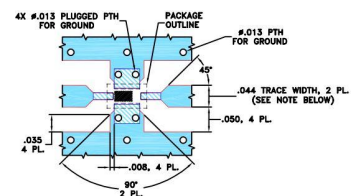
Outline Drawing



外形尺寸 inches
mm

A	B	C	D	E	F	Q	W
.079	.049	.037	.014	.059	.010	.012	grams
2.01	1.24	0.94	0.36	1.50	0.25	0.30	.020

Suggested PCB Layout



NOTES:

1. TRACE WIDTH IS SHOWN FOR ROGERS RO4350B WITH DIELECTRIC THICKNESS .020" ± .0015". COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH AND GAP MAY NEED TO BE MODIFIED.
2. BOTTOM SIDE OF THE PCB IS CONTINUOUS GROUND PLANE.

■ DENOTES PCB COPPER LAYOUT

■ DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK.