Jieying Communication Technology (Shenzhen) Co., Ltd.
http://www.jytxjs.cn

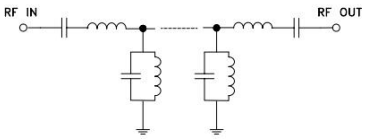
Bandpass Filter

JY-BFCG-162W+

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

Functional Schematic





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.

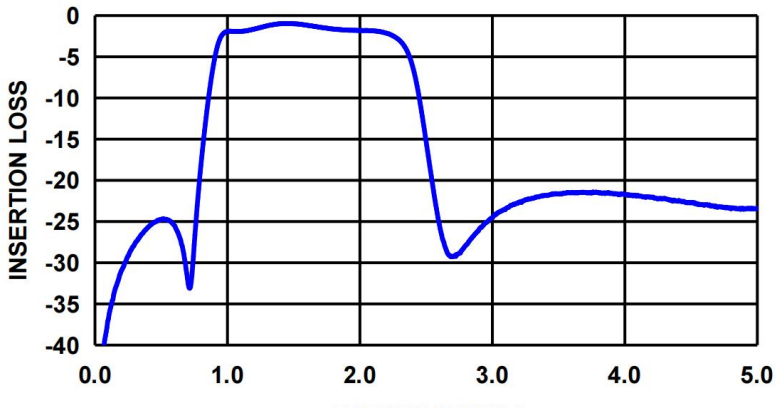
Electrical Specifications(1) at 25°C

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

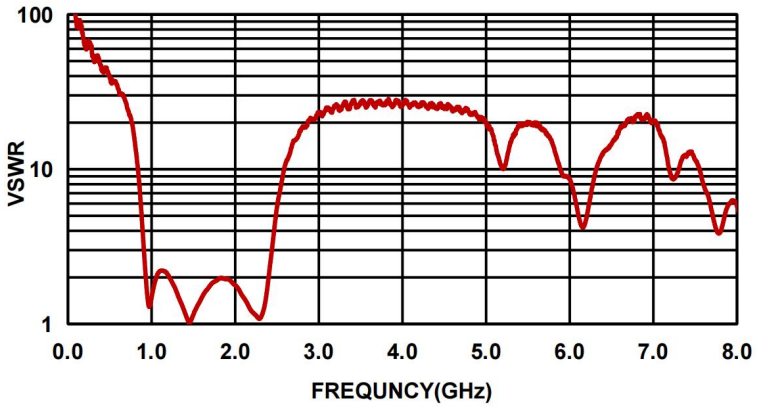
(1)该系列产品不能直接使用于直流电路中，如需使用于直流电路中，则需在输入和输出端匹配合适的电容。

Pin Connections	
RF IN	1
RF OUT	3
GROUND	2,4

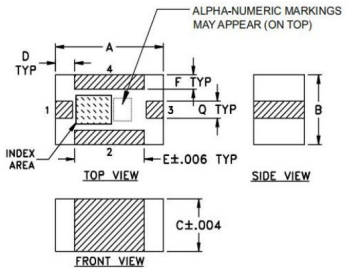
INSERTION LOSS



VSWR



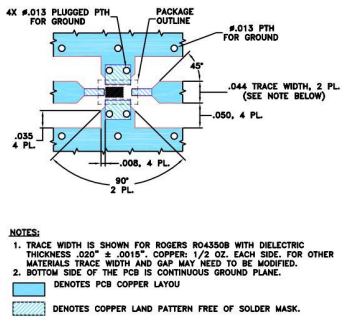
Outline Drawing



外形尺寸 inches mm

A	B	C	D	E	F	Q	wt
.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



JY-BFCG-162W+

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