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

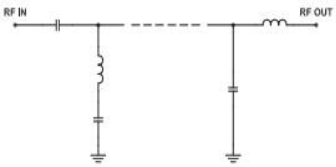
Bandpass Filter

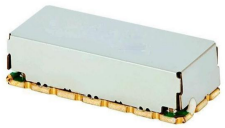
JY-BPF-BC300A+

Features
- Broader bandwidth
- High rejection
- Miniature shielded package

Applications
- Test and measurement
- Harmonic rejection
- Transmitters / Receivers

Functional Schematic





50Ω 260 to 340 MHz

Electrical Specifications at 25°C

Parameter		Frequency(MHz)	Min.	Typ.	Max.	Unit
Pass Band	Center Frequency	-	-	300	-	MHz
	Insertion Loss	260-340	-	2.5	3.0	dB
	VSWR	260-340	-	1.4	1.57	:1
Stop Band, Lower	Insertion Loss	DC-220	40	-	-	dB
	VSWR	DC-220	-	20	-	:1
Stop Band, Upper	Insertion Loss	380-1000	40	44	-	dB
		1000-3000	30	35	-	dB
		3000-4000	20	25	-	dB
	VSWR	380-4000	-	20	-	:1

Maximum Ratings

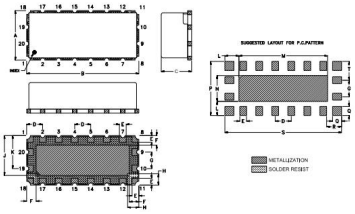
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input*	0.5W max @ 25°C

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

Pad Connections

INPUT	18
OUTPUT	11
GROUND	1-10, 12-17,19,20

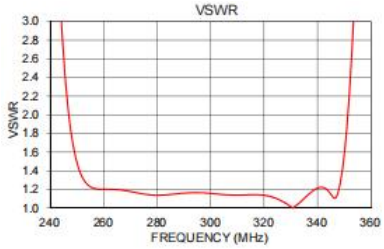
Outline Drawing

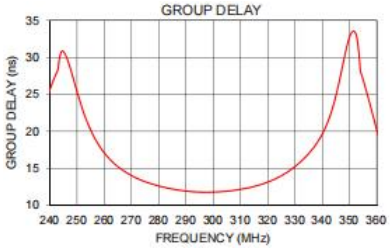


Suggested Layout Tolerance to be within ±0.5

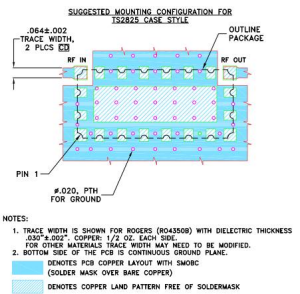
Outline Dimensions：Unit (mm)

A	11.18	K	7.45
B	25.40	L	3.18
C	6.86	M	20.07
D	3.63	N	5.84
E	1.52	P	12.19
F	2.16	Q	2.03
G	3.73	R	3.37
H	2.54	S	26.42
J	9.02	T	4.23
WT	2g		





Suggested PCB Layout



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