High Pass Filter

JY-VHF-3100+

50Ω 3400 to 9900 MHz

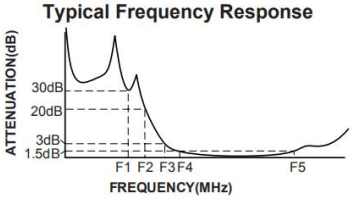
Features
- rugged uni-body construction, small size
- 5 sections
- temperature stable
- excellent power handling, 7W
- low cost

Applications
- Sub-harmonic rejection and DC blocking
- Transmitters/Receivers
- Lab use

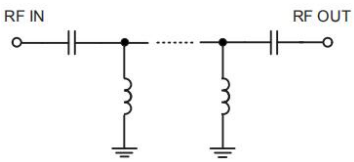
High pass Filter Electrical Specifications (T_{AMB}= 25° C)

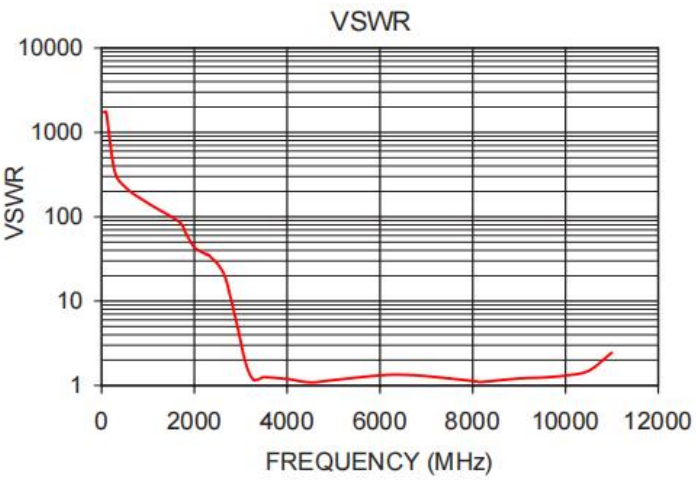
STOP BAND (MHz) (Loss>30dB) Typ. DC-F1	STOP BAND (MHz) (Loss>20dB) Min. DC-F2	FCO,(MHz) Nom. (Loss 3dB) Typ. F3	PASSBAND (MHz) (Loss<1.5dB) Max. F4-F5	PASSBAND (MHz) (Loss<2dB) Max.	VSWR Typ. Stopband	VSWR Typ. Frequency (MHz) 1.5:1	NO. OF SECTIONS
DC-2500	DC-2450	3100	3500-9500	3400-9900	20:1	3100-10500	5

Typical Frequency Response



Electrical schematic

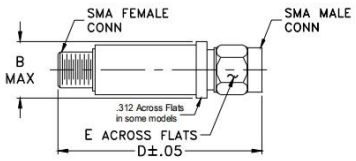




Maximum Ratings	
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power Input*	7W max. at 25°C

* Passband rating, derate linearly to 3W at 100°C ambient.
Permanent damage may occur if any of these limits are exceeded.

Outline Drawing



Outline Dimensions：Unit (mm)			
B	10.41	E	7.92
D	36.32		
wt	10.0		

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