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

Low Pass Filter

JY-SXLP-23+

50Ω DC to 23 MHz

Features
- high rejection
- sharp cut-off
- shielded package
- aqueous washable
- low cost

Applications
- defense communications
- receivers / transmitters
- harmonic rejection

Low Pass Filter Electrical Specifications (T_{AMB}= 25°C)

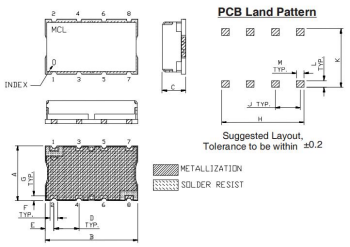
PASSBAND (MHz) (Loss<1dB)	FCO,(MHz) Nom. (Loss 3dB)	STOPBAND (MHz) (Loss>20dB)	(Loss>40dB)	VSWR(:1) Passband Typ.	Stopband Typ.
DC-23	25	31-34	34-500	1.5	18

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

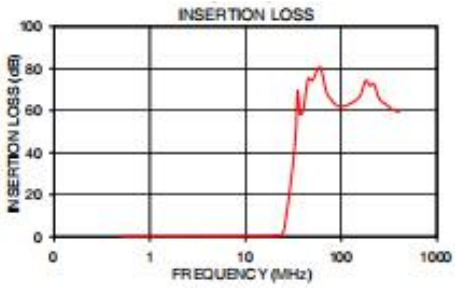
Permanent damage may occur if any of these limits are exceeded.

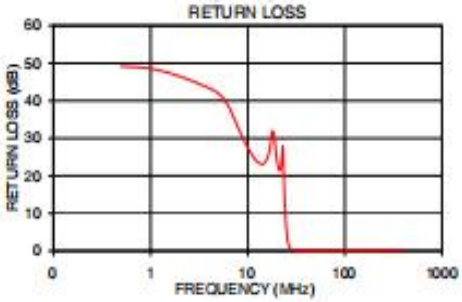
Pin Connections	
INPUT	1
OUTPUT	8
GROUND	2,3,4,5,6,7

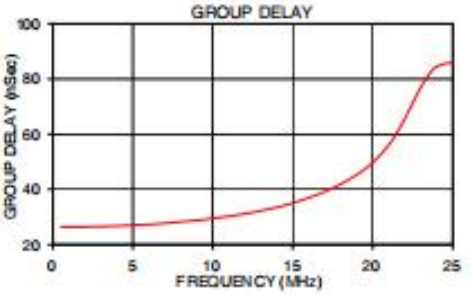
Outline Drawing



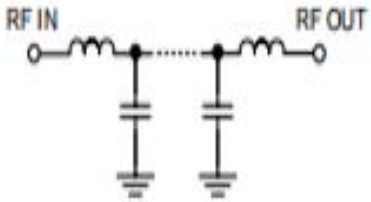
Outline Dimensions：Unit (mm)			
A	11.18	G	1.02
B	18.80	H	16.76
C	6.86	J	5.08
D	5.08	K	11.94
E	1.78	L	1.40
F	1.52	M	1.52
WT	0.3g		



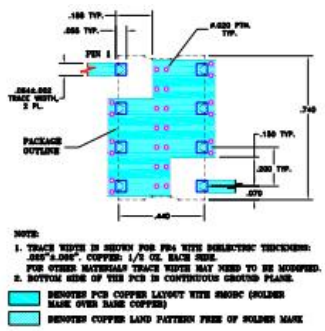




Functional Schematic



Suggested PCB Layout



JY-SXLP-23+

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