



Features

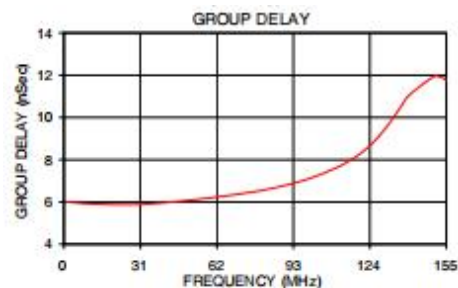
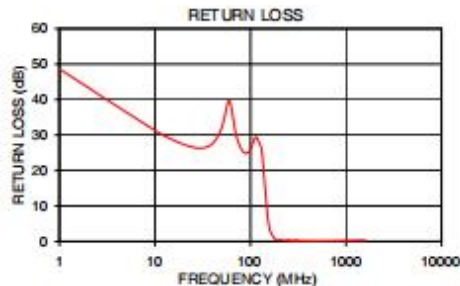
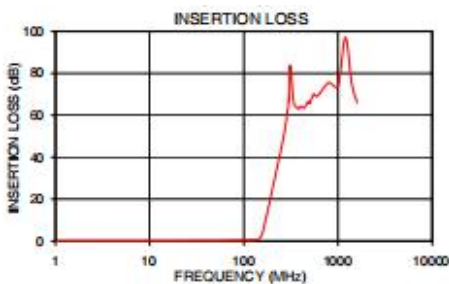
- high rejection
- sharp cut-off
- shielded package
- aqueous washable
- low cost

Applications

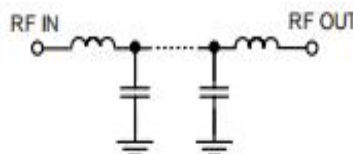
- defense communications
- receivers / transmitters
- harmonic rejection

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

PASSBAND (MHz)	FCO ₁ (MHz) Nom.	STOPBAND (MHz)		VSWR(:1)	
		(Loss>20dB)	(Loss>40dB)	Passband Typ.	Stopband Typ.
(Loss<1dB)	(Loss 3dB)				
DC-135	155	210-300	300-1600	1.3	18



Functional Schematic



JY-SXLP-135+



50Ω DC to 135MHz

Maximum Ratings

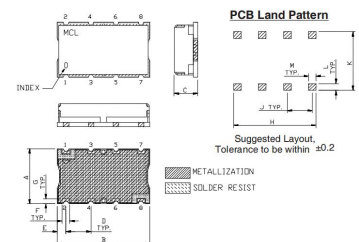
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input*	0.5W max.

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

Pin Connections

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

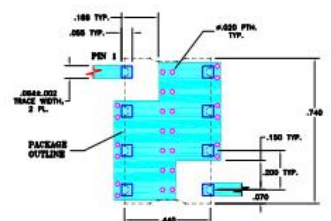
Outline Drawing



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		

Suggested PCB Layout



NOTE:
1. TRACE WIDTH IS GIVEN FOR FR4 WITH DIELECTRIC THICKNESS: .005"±.004". COPPER: 1/2 OZ. EACH SIDE.
FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED.
2. BOTTOM SIDE OF THE PCB IS CONTINUOUS GROUND PLANE.
3. MINIMUM PCB COPPER LAYOUT WITH SOLDER (SOLDER MASK OVER BASE COPPER).
4. DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK