



Features

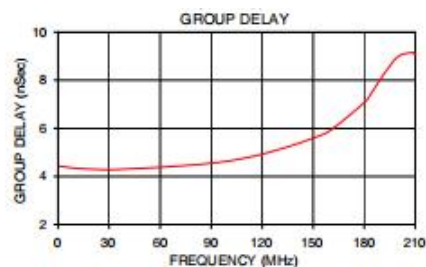
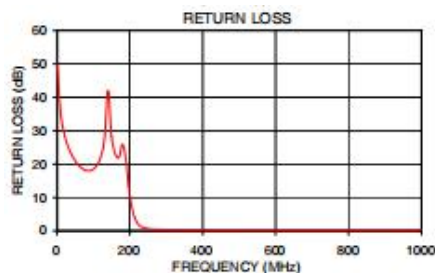
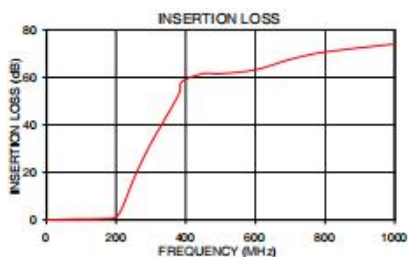
- high rejection
- sharp cut-off
- shielded package
- aqueous washable
- low cost

Applications

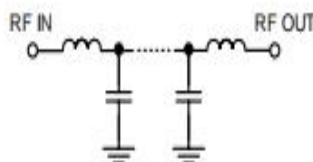
- defense communications
- receivers / transmitters
- harmonic rejection

Low Pass Filter Electrical Specifications ($T_{AMB}=25^{\circ}\text{C}$)

PASSBAND (MHz) (Loss<1dB)	FCO ₃ (MHz) Nom. (Loss 3dB)	STOPBAND (MHz)		VSWR(:1)	
		(Loss>20dB)	(Loss>40dB)	Passband Typ.	Stopband Typ.
DC-190	210	290-390	390-1000	1.4	18



Functional Schematic



JY-SXLP-190+



50Ω DC to 190Hz

Maximum Ratings

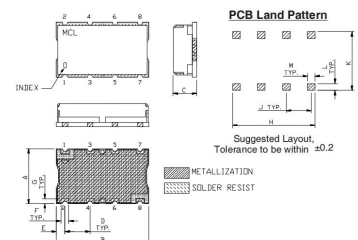
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input*	0.5W max.

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

Pin Connections

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

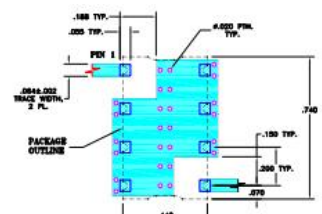
Outline Drawing



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 FR-4 WITH DIELECTRIC THICKNESS: .005"±.002". 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. DENOTES PCB COPPER LAYOUT WITH SOLDER (SOLDER MARK OVER BASE COPPER)
4. DENOTES COPPER LAND PATTERN FREE OF SOLDER MARK