



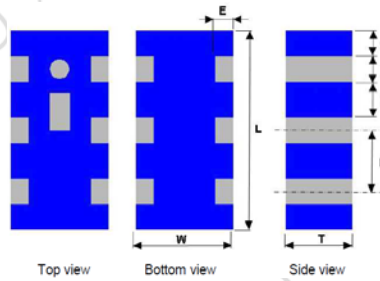
PRODUCT FEATURES

1. Surface mount low pass filter with a small size of 1.6 X 0.8 X 0.6 mm, RoHS compliant.
2. Provide low insertion loss and high rejection rate.
3. Highly stable under temperature and humidity changes.

RF CHARACTERISTICS

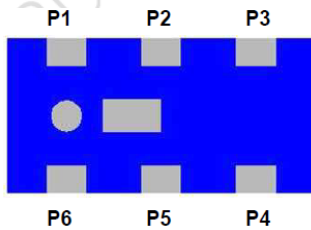
P/N LP3800K0603BT	Specification
Frequency range	3300-3800 MHz
Insertion Loss (max)	0.55 dB
VSWR	1.9 max
Impedance	50 Ω
Attenuation (min.)	17 dB @ 6600- 7600 MHz 20 dB @ 9900-11400 MHz
Operating temperature range	-40°C to +85°C

PHYSICAL DIMENSIONS



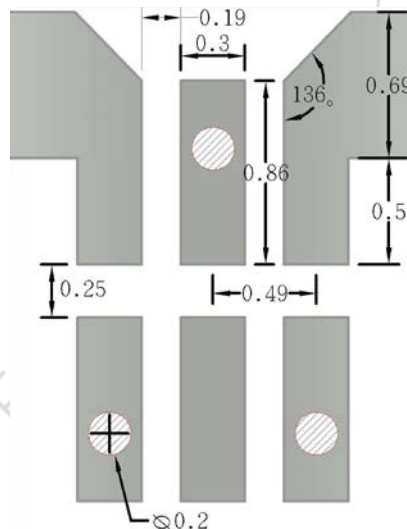
Symbol	Dimension (mm)
L	1.60 ± 0.15
W	0.80 ± 0.15
T	0.60 ± 0.10
A	0.175 ± 0.150
B	0.25 ± 0.15
C	0.25 ± 0.15
D	0.50 ± 0.15
E	0.20 ± 0.15

TERMINAL CONFIGURATION



PIN	Connection	PIN	Connection
P1	IN	P4	GND
P2	GND	P5	NC
P3	OUT	P6	GND

PCB DESIGN/LAYOUT CONSIDERATION



Note:

- Unit in mm
- Design trace width to be 50Ω impedance.



Typical RF Performance

