



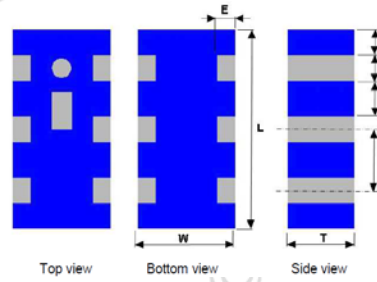
PRODUCT FEATURES

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

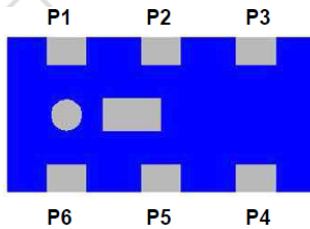
P/N LP2500K0603BT	Specification
Frequency range	2400-2500 MHz
Insertion Loss (max)	0.6 dB
VSWR	2.0 max
Impedance	50 Ω
Attenuation (min.)	27dB @ 4800-5000 MHz 30dB @ 7200-7500 MHz
Operating temperature range	-40°C to +85°C

PHYSICAL DIMENSIONS



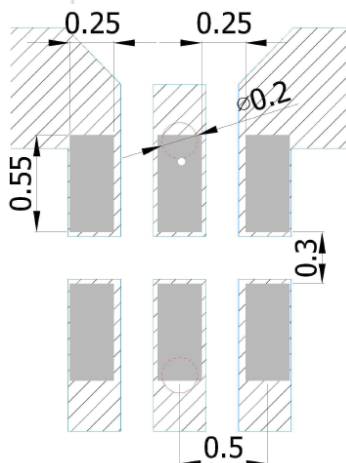
Symbol	Dimension (mm)
L	1.60 ± 0.15
W	0.80 ± 0.15
T	0.60 ± 0.10
A	0.175 ± 0.150
B	0.25 ± 0.15
C	0.25 ± 0.15
D	0.50 ± 0.15
E	0.20 ± 0.15

TERMINAL CONFIGURATION



PIN	Connection	PIN	Connection
P1	I/O	P4	NC
P2	GND	P5	GND
P3	I/O	P6	NC

PCB DESIGN/LAYOUT CONSIDERATION



- LAND
- Solder resist
- No pattern Solder resist

Note:

- Design trace width to be 50Ω impedance.



Typical RF Performance

