

MOX-LPFL2 SERIES



MoxiE
INDUCTOR CORPORATION

Low Temperature Cofired Ceramic Low Pass Filters

Features:

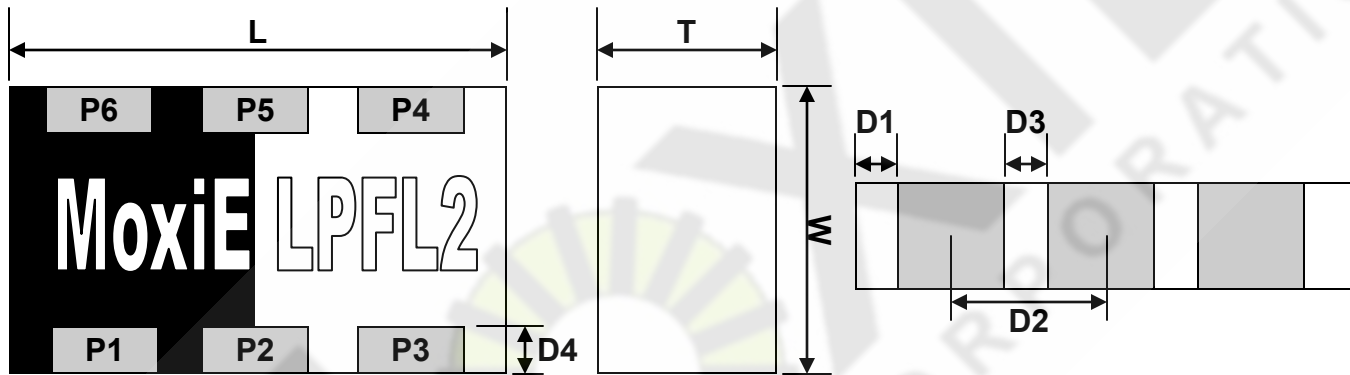
- Miniaturized design.
- Low insertion loss.
- Low Cost.
- RoHS Compliant.
- High rejection at lower stop band and 2nd harmonic band.

Applications:

- 3.5 GHz WLAN & Bluetooth.



MECHANICAL DIMENSIONS



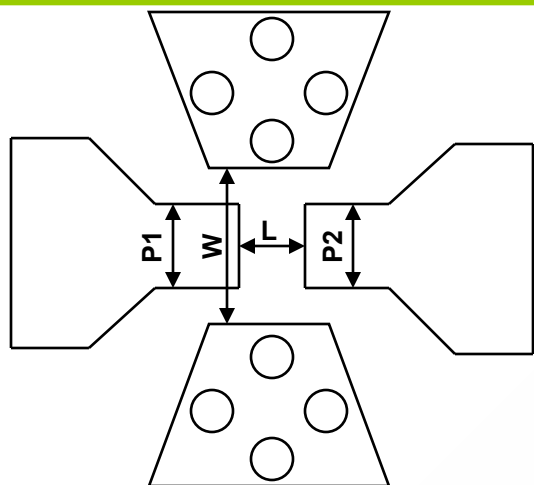
MoxiE Part Number	L	W	T	P1 ~ P6	D1	D2	D3	D4
MOX-LPFL2-1608	1.6 ± 0.1	0.8 ± 0.1	0.6 ± 0.1	0.3 ± 0.1	0.1 ± 0.1	0.55 ± 0.1	0.25 ± 0.1	0.15 ± 0.1

ALL DIMENSIONS IN MM





RECOMMENDED LANDING PATTERN



MoxiE Part Number	L	W	P1	P2
MOX-LPFL2-1608	0.5 ± 0.1	1.1 ± 0.1	0.3 ± 0.1	0.3 ± 0.1



ELECTRICAL SPECIFICATIONS

MoxiE Part Number	Pass Band (GHZ)	Impedance (Ω)	VSWR	Insertion Loss	Ripple (dB)	Attenuation
MOX-LPFL2-1608	3.4 ~ 3.7	50	2.0 Max.	0.6 dB (Max) 25°C 0.8dB (Max) -40°+85°C	0.6 ± 0.1	25dB Min @ 7000 MHz 18dB Min @ 10500 MHz



MOX-LPFL2-1608 ENGINEERING NOTES

- MoxiE test instruments: Agilent E5071B/N5230A vector network analyzer.
- Center frequency: 3500 = 3.50 GHz
- 1608 = 1.6mm*0.8mm, Impedance: 50Ω
- Packaging: Tape & Reel (4000 pieces per reel)
- RoHS Compliant.
- MoxiE engineering specifications are subject to change without notice.