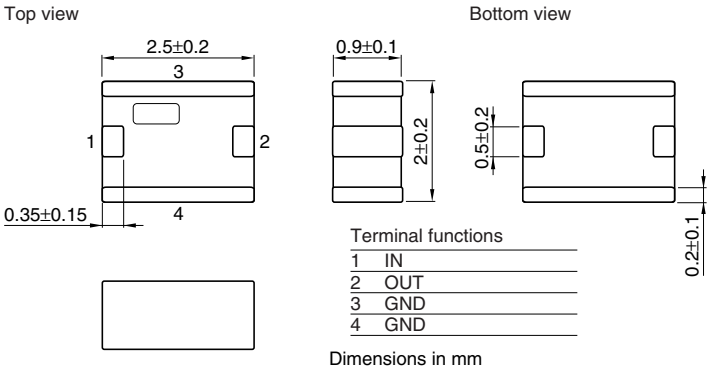
Multilayer Chip Band Pass Filters For Bluetooth & 2.4GHz W-LAN

Conformity to RoHS Directive

DEA Series DEA252450BT-2037C1

SHAPES AND DIMENSIONS

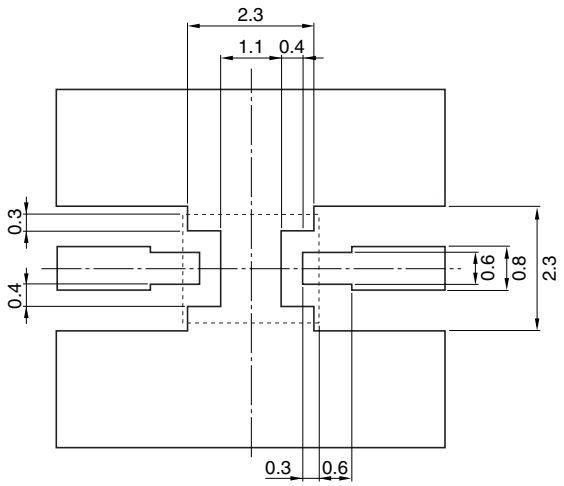


Terminal functions	
1	IN
2	OUT
3	GND
4	GND

Dimensions in mm

RECOMMENDED PC BOARD PATTERNS

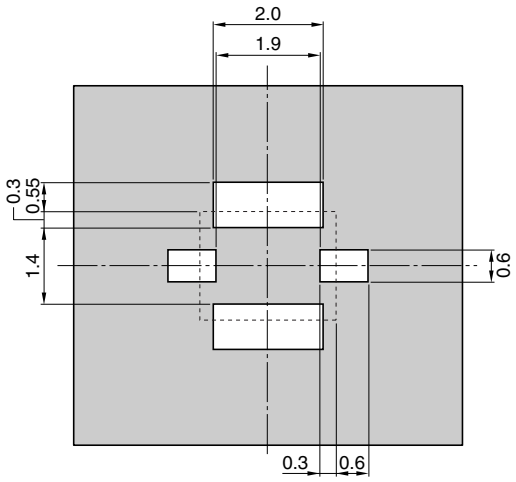
LAND



Line width be designed to match 50Ω characteristic impedance depending on PCB material and thickness.

Dimensions in mm

SOLDER RESIST



Dimensions in mm

ELECTRICAL CHARACTERISTICS

Item			Minimum value	Typical value	Maximum value
Center frequency	[2450MHz]				
Insertion loss	[2400 to 2500MHz]	(dB)	—	—	3
Return loss	[2400 to 2500MHz]	(dB)	10	—	—
Attenuation	[880 to 915MHz]	(dB)	43	—	—
	[1710 to 1990MHz]	(dB)	24	—	—
	[2110 to 2170MHz]	(dB)	14	—	—
	[2700MHz]	(dB)	25	—	—
	[4800 to 5000MHz]	(dB)	25	—	
Temperature range	Operating	(°C)	–40	—	+85
	Storage	(°C)	–40	—	+85

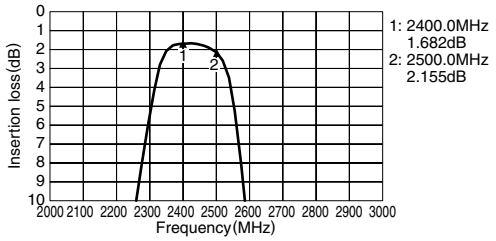
• Ta:+25°C

- Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

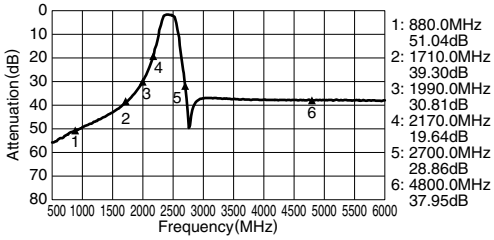
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

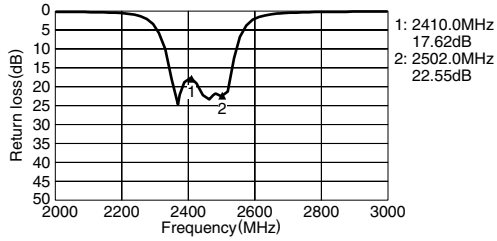
INSERTION LOSS



ATTENUATION



RETURN LOSS



VSWR

