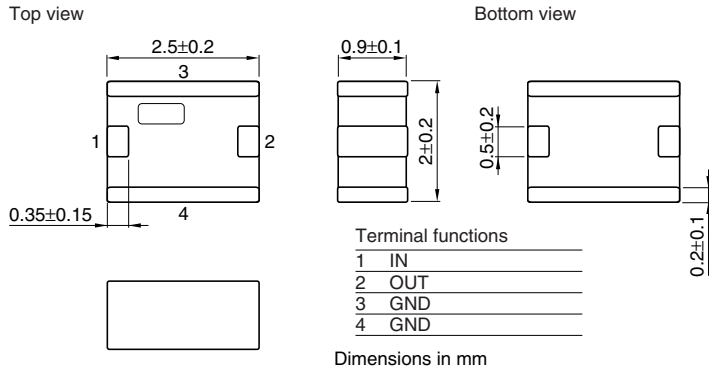


Multilayer Chip Band Pass Filters For Bluetooth & 2.4GHz W-LAN

Conformity to RoHS Directive

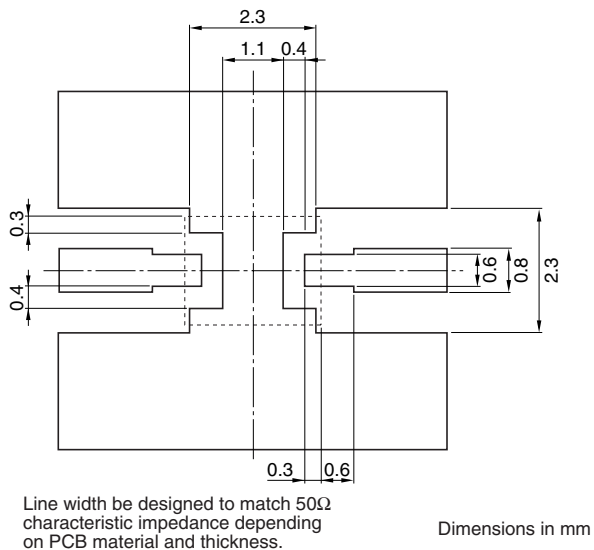
DEA Series DEA252450BT-2037C1

SHAPES AND DIMENSIONS

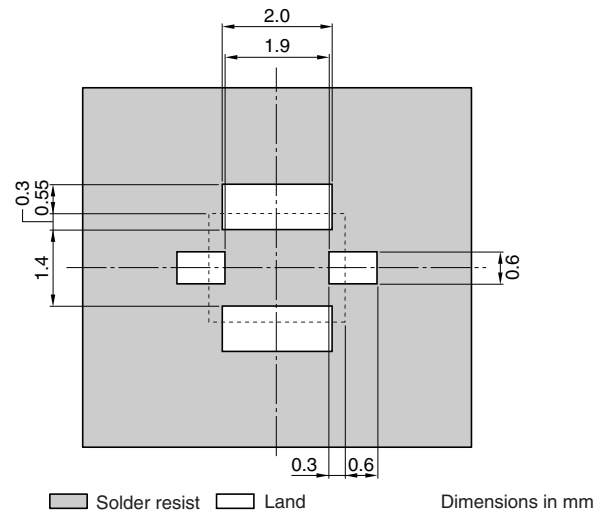


RECOMMENDED PC BOARD PATTERNS

LAND



SOLDER RESIST



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

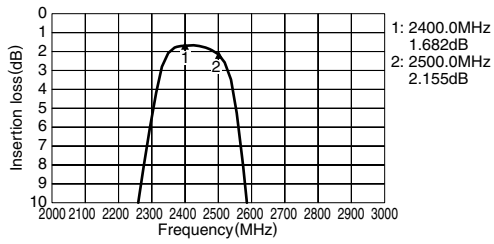
• Ta: +25°C

• 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.

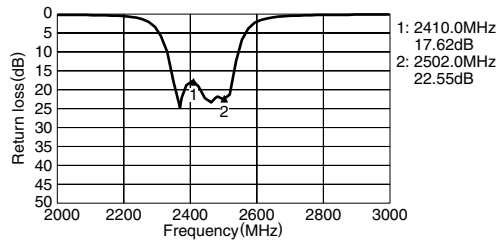
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

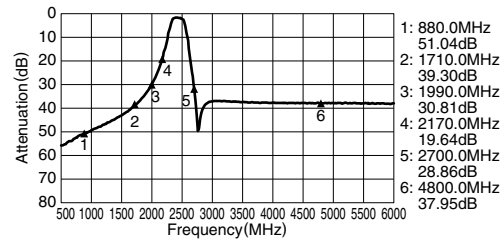
INSERTION LOSS



RETURN LOSS



ATTENUATION



VSWR

