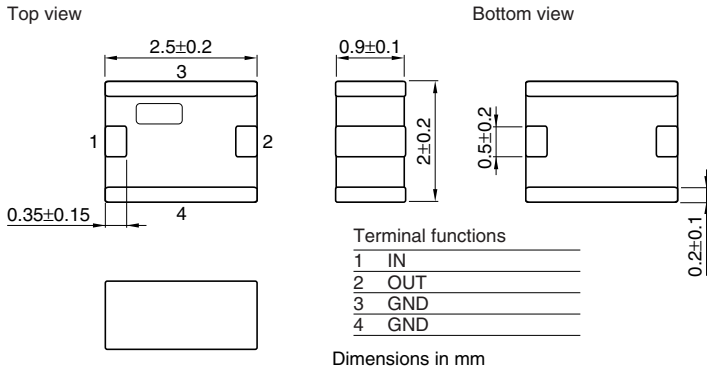


# Multilayer Chip Band Pass Filters For Bluetooth & 2.4GHz W-LAN

Conformity to RoHS Directive

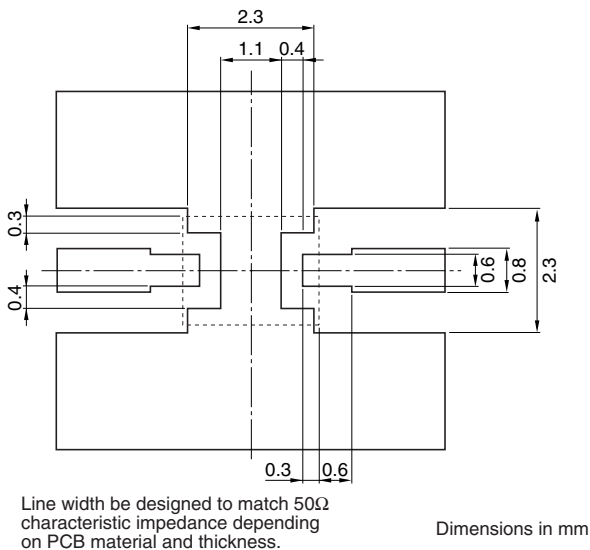
DEA Series DEA252450BT-2037C1

## SHAPES AND DIMENSIONS

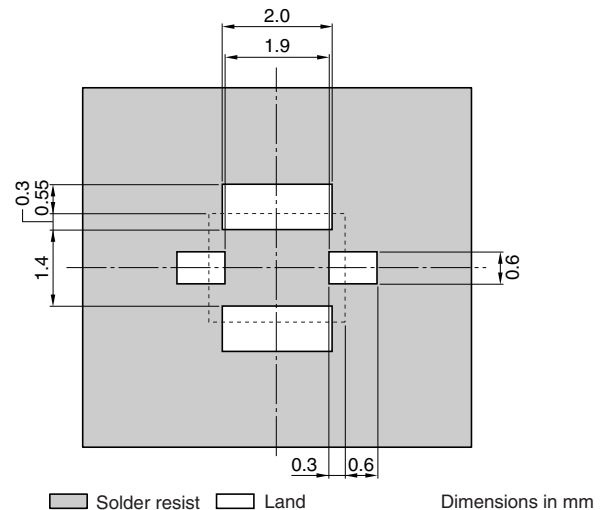


## RECOMMENDED PC BOARD PATTERNS

### 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

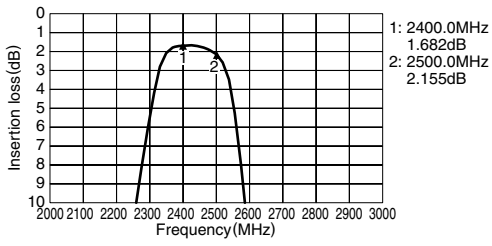
• Ta: +25°C

• 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.

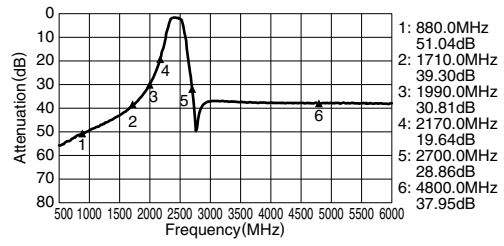
• All specifications are subject to change without notice.

### FREQUENCY CHARACTERISTICS

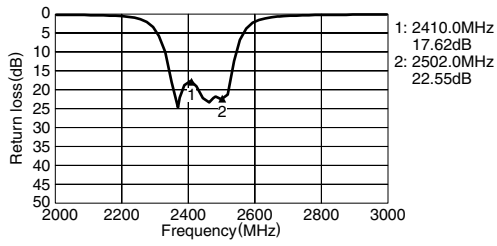
#### INSERTION LOSS



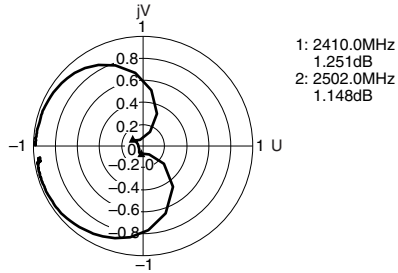
#### ATTENUATION



#### RETURN LOSS



#### VSWR



• All specifications are subject to change without notice.