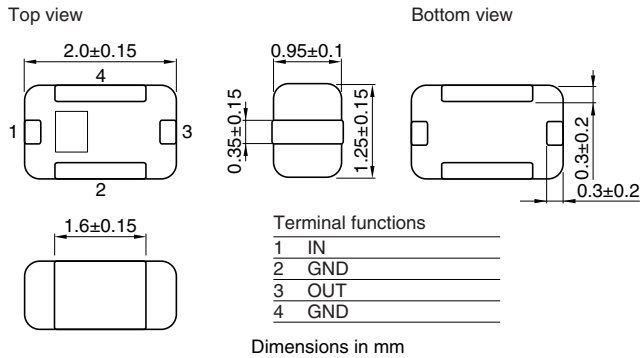


Multilayer Chip Band Pass Filters For Bluetooth & 2.4GHz W-LAN

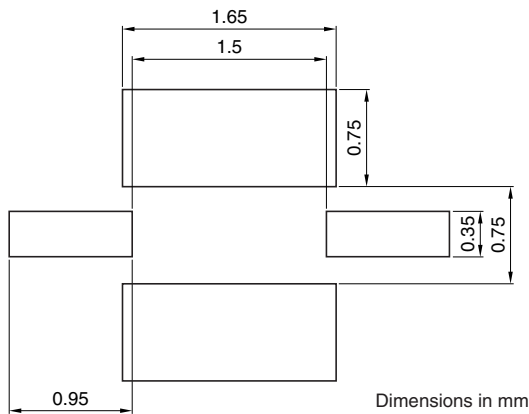
Conformity to RoHS Directive

DEA Series DEA202450BT-1275A1

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Item				Minimum value	Typical value	Maximum value
Insertion loss	[25°C]	[2400 to 2500MHz]	(dB)	—	—	1.4
	[−40 to +85°C]	[2400 to 2500MHz]	(dB)	—	—	1.6
Ripple		[2400 to 2500MHz]	(dB)	—	—	1.0
Input VSWR		[2400 to 2500MHz]		—	—	2.0
Output VSWR		[2400 to 2500MHz]		—	—	2.0
Attenuation		[824 to 960MHz]	(dB)	30	—	—
		[1710 to 1910MHz]	(dB)	27	—	—
		[1920 to 1990MHz]	(dB)	22	—	—
		[2110 to 2170MHz]	(dB)	6	—	—
		[4800 to 5000MHz]	(dB)	20	—	—
Output/input impedance			(Ω)	—	50	—
Maximum power capacity			(W)	—	0.5	—
Temperature range	Operating		(°C)	−40	—	+85
	Storage		(°C)	−40	—	+85

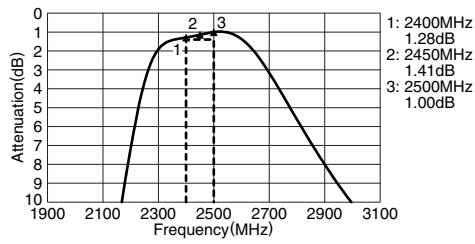
• Ta: +25°C

• 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.

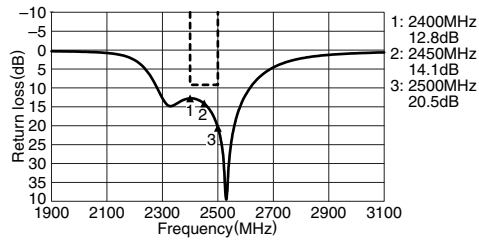
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

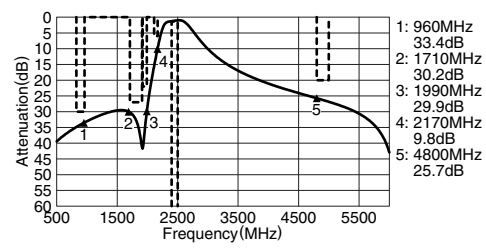
INSERTION LOSS



RETURN LOSS



ATTENUATION



VSWR

