

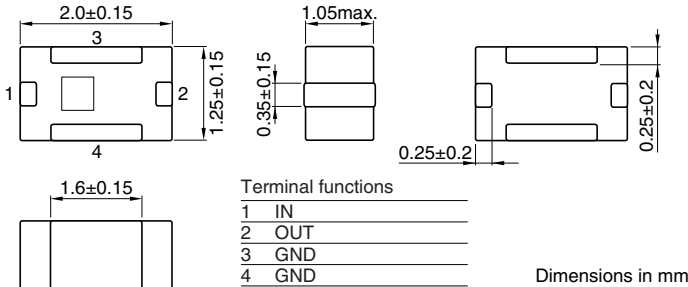
Multilayer Chip Band Pass Filters

For Bluetooth & 2.4GHz W-LAN

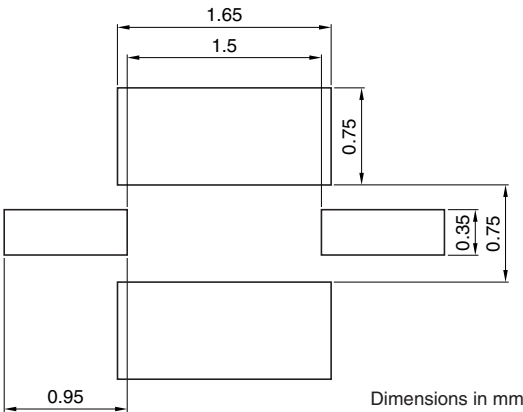
Conformity to RoHS Directive

DEA Series DEA202450BT-1283A2

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Item		Minimum value	Typical value	Maximum value
Frequency range(Pass band)	(MHz)	2400	—	2500
Insertion loss	[25°C] [−40 to +85°C]	(dB) (dB)	— 1.04	1.3 1.6
Single ended port characteristic impedance	(Ω)	—	50[Nominal]	—
Attenuation	[1600MHz] [3200MHz] [4800 to 5000MHz]	(dB) (dB) (dB)	22 30 20	24.8 38.3 26.1
Return loss	[2400 to 2500MHz]	(dB)	10	18.4
Temperature range	Operating Storage	(°C) (°C)	−40 −40	— —
				+85 +85

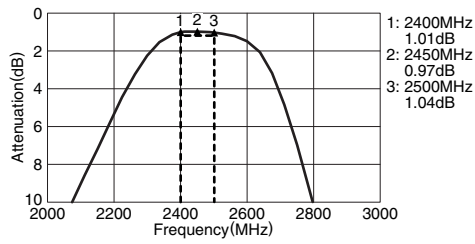
• Ta: +25°C

• 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.

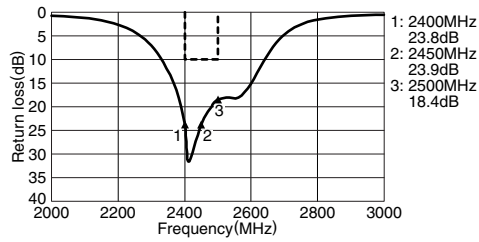
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

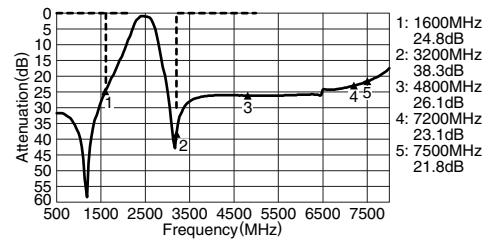
INSERTION LOSS



RETURN LOSS



ATTENUATION



VSWR

