

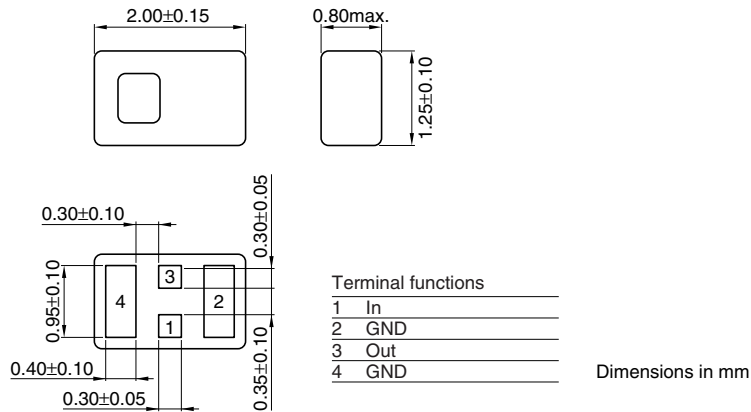
Multilayer Chip Band Pass Filters

For 2.4GHz W-LAN/Bluetooth

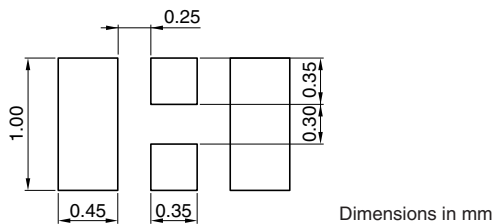
Conformity to RoHS Directive

DEA Series DEA202450BT-1294C1-H

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Item			Typical value
Insertion loss	[2412 to 2484MHz]	1.35dB max.	1.02dB
Return loss	[2412 to 2484MHz]	10dB min.	22dB
Attenuation	[804 to 828MHz]	30dB min.	42dB
	[1608 to 1656MHz]	20dB min.	23dB
	[3216 to 3312MHz]	30dB min.	49dB
	[4020 to 4140MHz]	40dB min.	52dB
	[4824 to 4968MHz]	20dB min.	30dB
	[5628 to 5796MHz]	20dB min.	27dB
	[6432 to 6624MHz]	20dB min.	42dB
	[7200 to 7500MHz]	35dB min.	44dB
Temperature range	Operating	-40 to +85°C	
	Storage	-40 to +85°C	

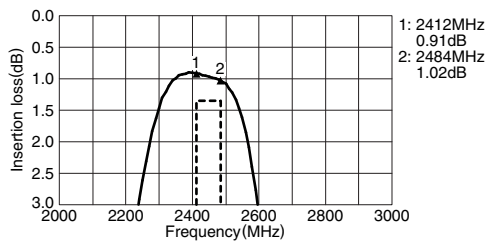
• Ta: +25°C±5°C

• 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.

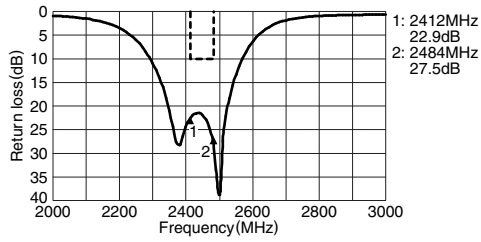
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

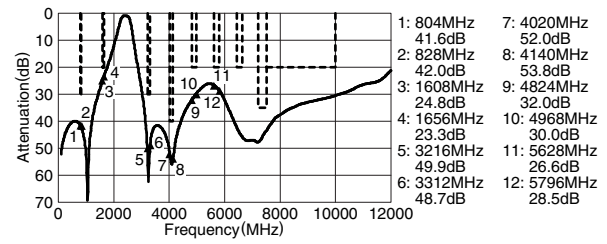
INSERTION LOSS



RETURN LOSS



ATTENUATION



VSWR

