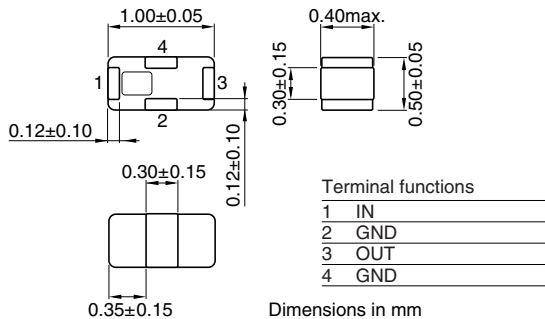


Multilayer Chip Band Pass Filters For 2.4GHz W-LAN/Bluetooth

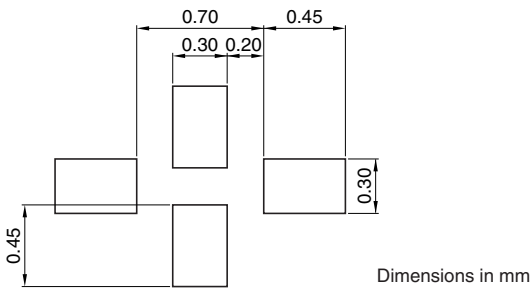
Conformity to RoHS Directive

DEA Series DEA102450BT-1278A2

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Item		Typical value
Frequency range(Pass band)	2400 to 2500MHz	—
Characteristic impedance(Pass band)	50Ω (Nominal)	—
Insertion loss(Pass band)	3.0dB max.	2.66dB
VSWR(Pass band)	2.0 max.	1.2
Attenuation	[824 to 960MHz]	20dB min. 28dB
	[1710 to 1910MHz]	15dB min. 22dB
	[2170MHz]	12dB min. 19dB
	[3600MHz]	15dB min. 18dB
	[4800 to 5000MHz]	15dB min. 29dB
Temperature range	Operating	-40 to +85°C
	Storage	-40 to +85°C

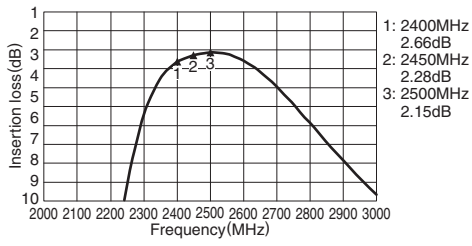
• Ta: +25°C

• 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.

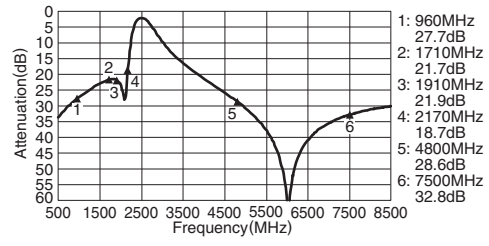
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

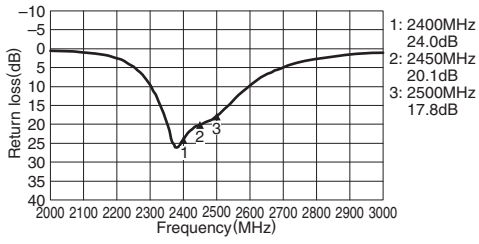
INSERTION LOSS



ATTENUATION



RETURN LOSS



VSWR

