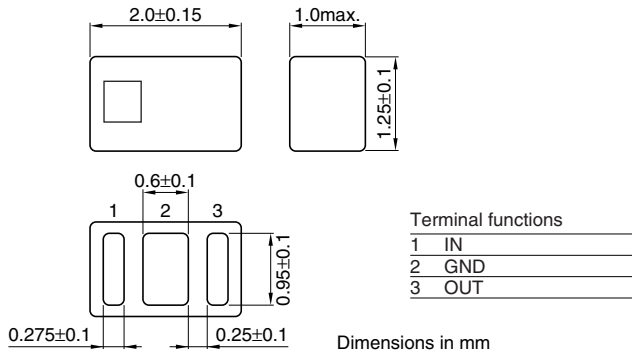


Multilayer Chip Band Pass Filters For 2.4GHz W-LAN/Bluetooth

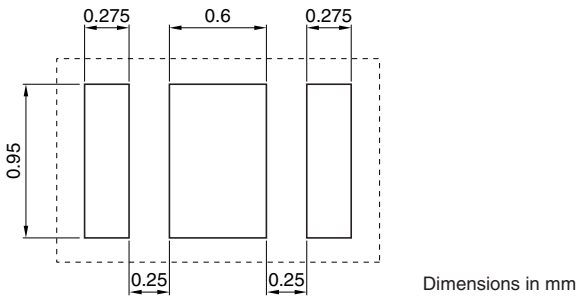
Conformity to RoHS Directive

DEA Series DEA202450BT-2175A1-H

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Item	Typical value	
Frequency range(Pass band)	2400 to 2500MHz	
Single ended port characteristic impedance	50Ω (Nominal)	
Insertion loss	[+25°C]	2.0dB max.
	[860 to 960MHz]	39dB min.
	[1545 to 1605MHz]	35dB min.
	[1710 to 1990MHz]	34dB min.
	[2170MHz]	28dB min.
Attenuation	[4800 to 5000MHz]	30dB min.
	Operating	-40 to +85°C
Temperature range	Storage	-40 to +85°C

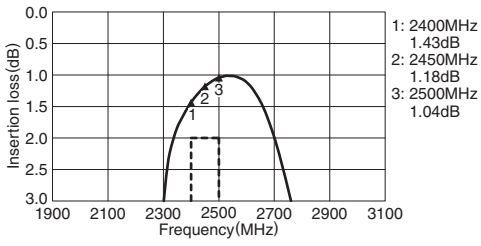
• Ta: +25°C

• 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.

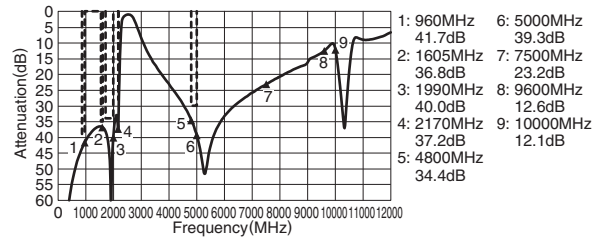
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

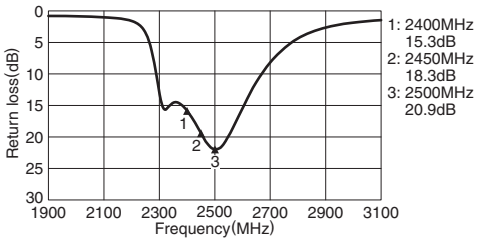
INSERTION LOSS



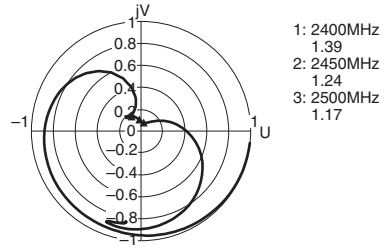
ATTENUATION



RETURN LOSS



VSWR



• All specifications are subject to change without notice.