

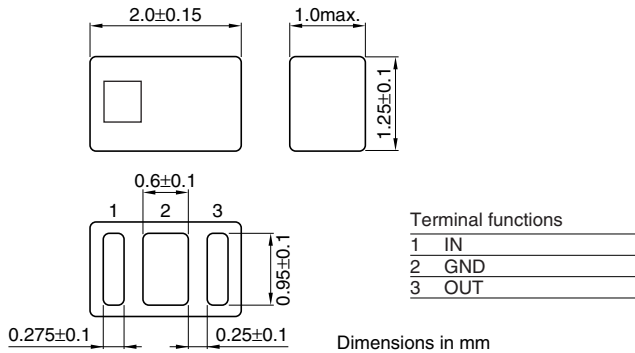
Multilayer Chip Band Pass Filters

For 2.4GHz W-LAN/Bluetooth

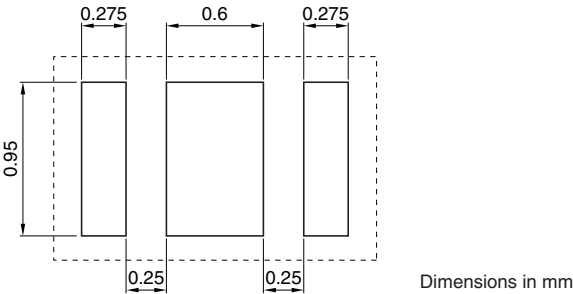
Conformity to RoHS Directive

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.
Attenuation	[860 to 960MHz] 39dB min.
	[1545 to 1605MHz] 35dB min.
	[1710 to 1990MHz] 34dB min.
	[2170MHz] 28dB min.
	[4800 to 5000MHz] 30dB min.
Temperature range	Operating -40 to +85°C
	Storage -40 to +85°C

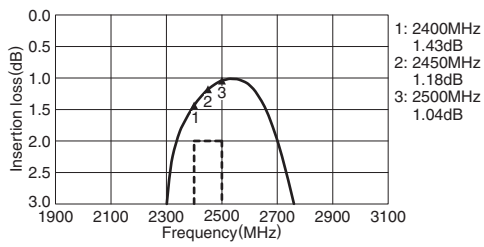
• Ta:+25°C

• 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.

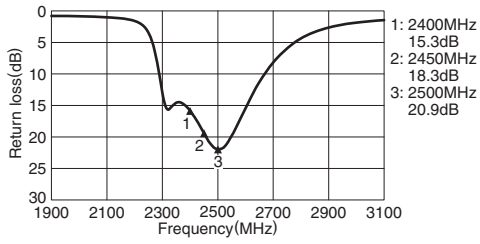
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

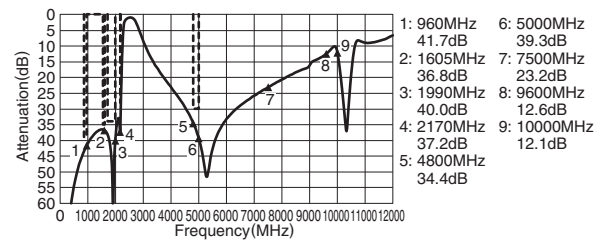
INSERTION LOSS



RETURN LOSS



ATTENUATION



VSWR

