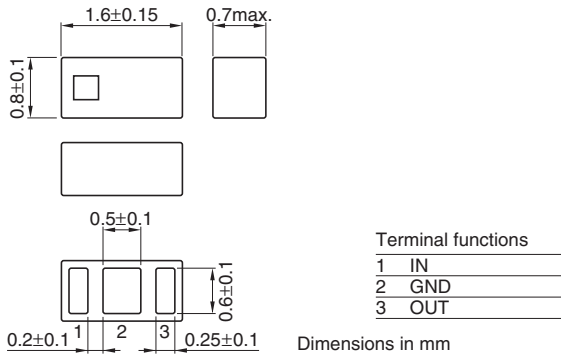


Multilayer Chip Band Pass Filters For 2.4GHz W-LAN/Bluetooth

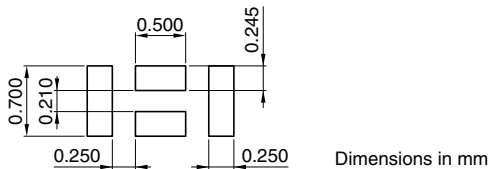
Conformity to RoHS Directive

DEA Series DEA162450BT-1288B1

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]	1.3dB max.	1.03dB
	[-40 to +85°C]	1.6dB max.	—
Return loss	[2400 to 2500MHz]	10 min.	19.9
	[800MHz]	25dB min.	26dB
Attenuation	[3200MHz]	17dB min.	19dB
	[4800 to 5000MHz]	20dB min.	40dB
	[7200 to 7500MHz]	20dB min.	25dB
Temperature range	Operating	-40 to +85°C	
	Storage	-40 to +85°C	

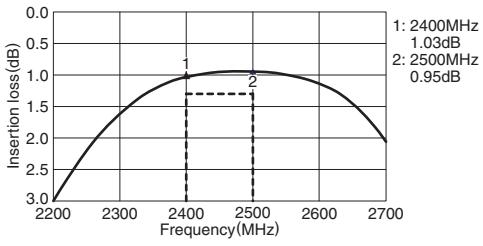
• Ta:+25°C

• 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.

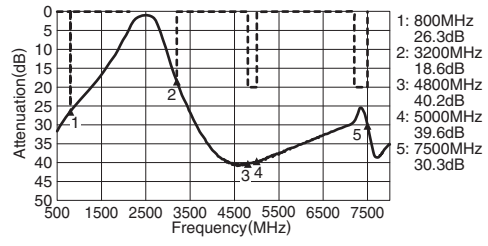
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

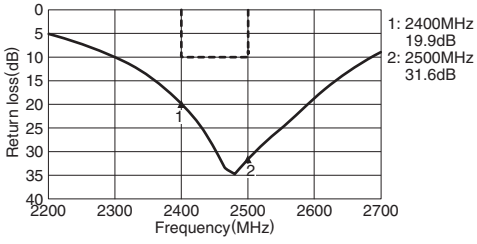
INSERTION LOSS



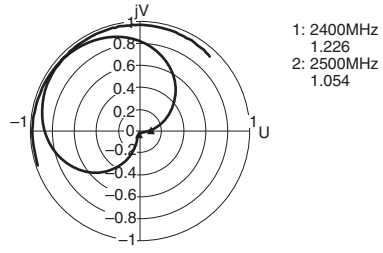
ATTENUATION



RETURN LOSS



VSWR



• All specifications are subject to change without notice.