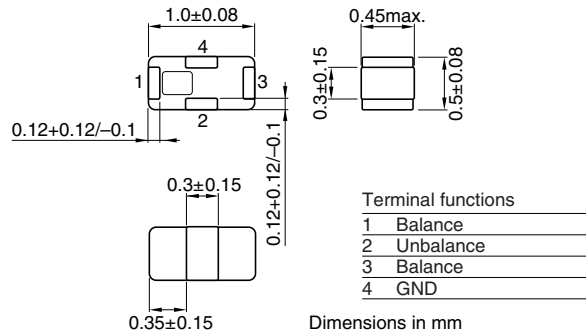


Multilayer Chip Band Pass Filters For 5.0GHz W-LAN

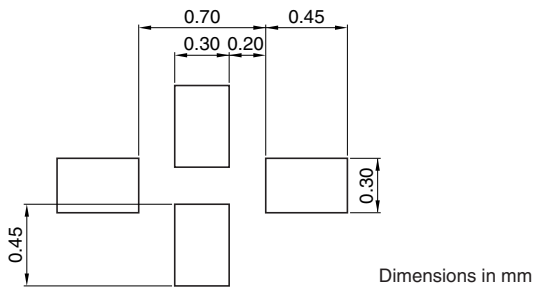
Conformity to RoHS Directive

DEA Series DEA105425BT-1293A1

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Item	Typical value	
Frequency range(Pass band)	4900 to 5950MHz	4900 to 5950MHz
Single ended port characteristic impedance	50Ω (Nominal)	50Ω (Nominal)
Insertion loss	[+25°C]	1.0dB max.
	[-40 to +85°C]	1.2dB max.
VSWR	[4900 to 5950MHz]	2.00 max.
	[2400 to 2500MHz]	24.0dB min.
Attenuation	[9800 to 11900MHz]	12.0dB min.
	[14700 to 17850MHz]	14.0dB min.
Temperature range	Operating	-40 to +85°C
	Storage	-40 to +85°C

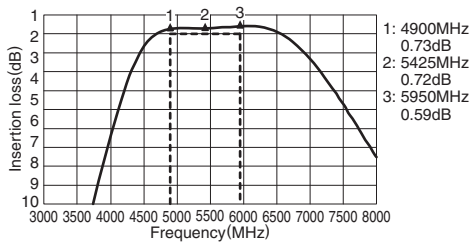
• Ta:+25°C

• 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.

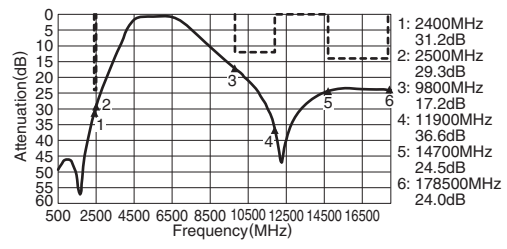
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

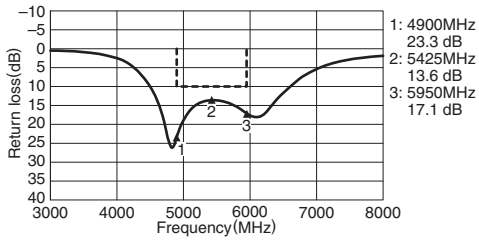
INSERTION LOSS



ATTENUATION



RETURN LOSS



VSWR

