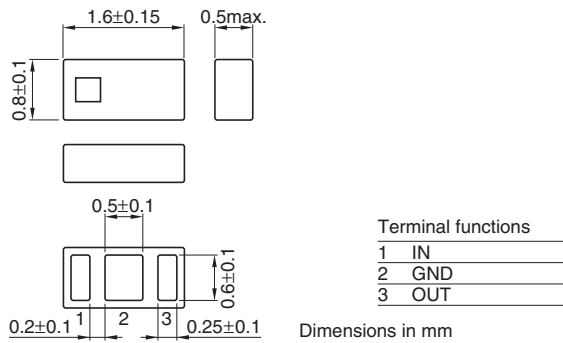


# Multilayer Chip Band Pass Filters For 2.4GHz W-LAN/Bluetooth

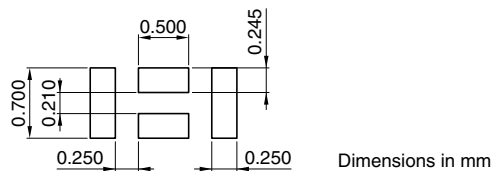
Conformity to RoHS Directive

DEA Series DEA162450BT-2174A1

## SHAPES AND DIMENSIONS



## RECOMMENDED PC BOARD PATTERNS



## ELECTRICAL CHARACTERISTICS

Item			Typical value
Frequency range(Pass band)	2400 to 2500MHz		—
Insertion loss	[2400 to 2500MHz]	2.3dB max.	1.75dB
VSWR	[2400 to 2500MHz]	1.92dB max.	1.45dB
Attenuation	[880 to 915MHz]	38dB min.	43.1dB
	[1710MHz]	35dB min.	43.5dB
	[1850 to 1910MHz]	25dB min.	30.9dB
	[1920 to 1990MHz]	25dB min.	27.2dB
	[2110 to 2170MHz]	20dB min.	23.7dB
Temperature range	[4800 to 5000MHz]	30dB min.	37.6dB
	[7200 to 7500MHz]	30dB min.	35.4dB
Operating	Operating		-40 to +85°C
	Storage		-40 to +85°C

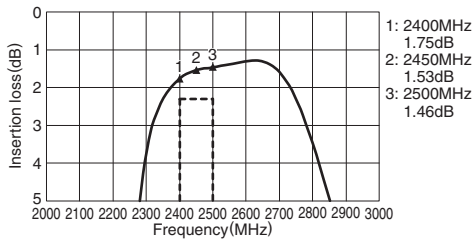
• Ta:+25°C

• 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.

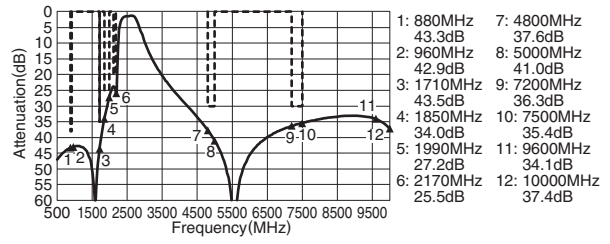
• All specifications are subject to change without notice.

### FREQUENCY CHARACTERISTICS

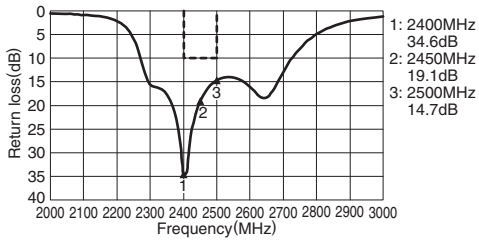
#### INSERTION LOSS



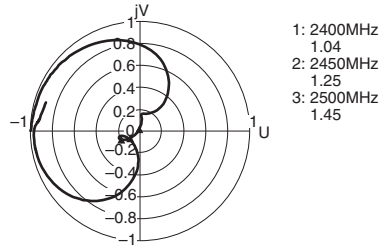
#### ATTENUATION



#### RETURN LOSS



#### VSWR



• All specifications are subject to change without notice.