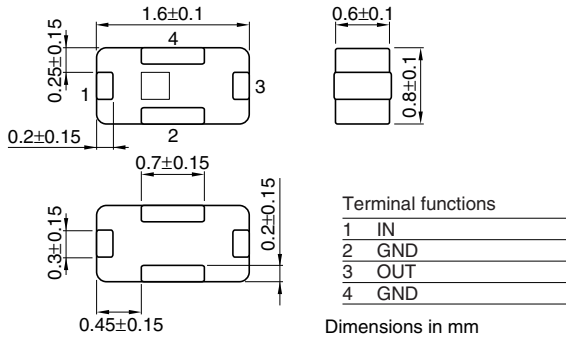


# Multilayer Chip Band Pass Filters For Bluetooth & 2.4GHz W-LAN

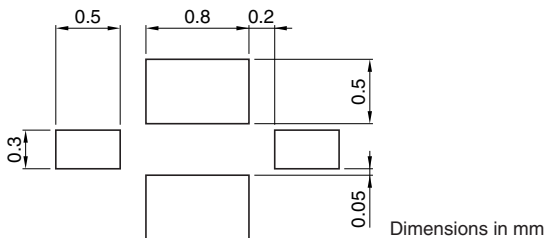
Conformity to RoHS Directive

DEA Series DEA162450BT-1260B2

## SHAPES AND DIMENSIONS



## RECOMMENDED PC BOARD PATTERNS



## ELECTRICAL CHARACTERISTICS

Item		Typical value
Frequency range(Pass band)	2400 to 2500MHz	—
Characteristic impedance(Pass band)	50Ω (Nominal)	—
Insertion loss(Pass band)	2.2dB max.	1.7dB
VSWR(Pass band)	2.1 max.	1.4
Attenuation	[960MHz]	25dB min. 34dB
	[1600MHz]	15dB min. 27dB
	[3200MHz]	22dB min. 41dB
	[4800 to 5000MHz]	25dB min. 31dB
Temperature range	Operating	-40 to +85°C
	Storage	-40 to +85°C

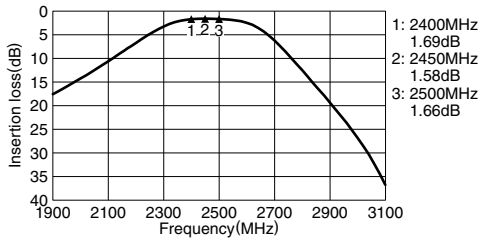
• Ta: +25°C

• 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.

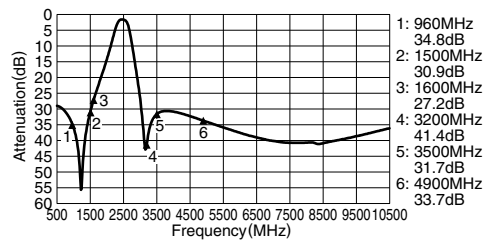
• All specifications are subject to change without notice.

### FREQUENCY CHARACTERISTICS

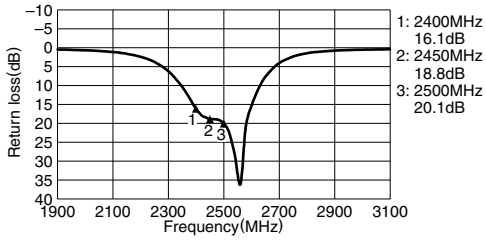
#### INSERTION LOSS



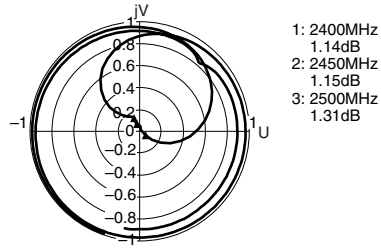
#### ATTENUATION



#### RETURN LOSS



#### VSWR



• All specifications are subject to change without notice.