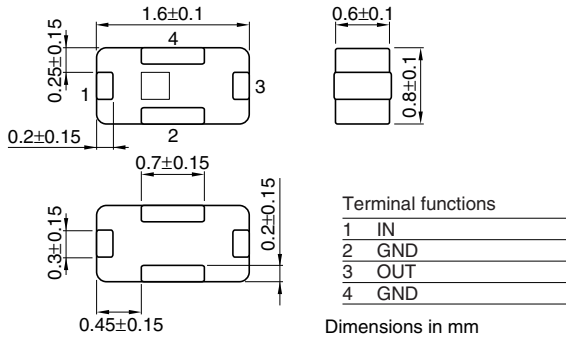


# Multilayer Chip Band Pass Filters For Bluetooth & 2.4GHz W-LAN

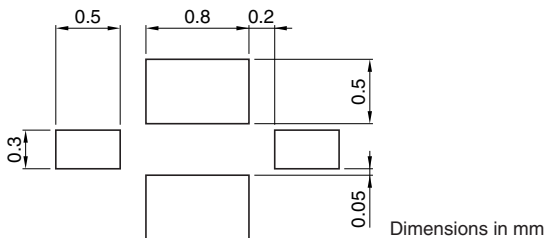
Conformity to RoHS Directive

DEA Series DEA162450BT-1262B1

## SHAPES AND DIMENSIONS



## RECOMMENDED PC BOARD PATTERNS



## ELECTRICAL CHARACTERISTICS

Item		Minimum value	Typical value	Maximum value
Frequency range(Pass band)	(MHz)	2400	—	2500
Characteristic impedance(Pass band)	( $\Omega$ )	—	50[Nominal]	—
Insertion loss(Pass band)	[+25°C] (dB)	—	1.5	2.4
Ripple(Pass band)	(dB)	—	0.3	1.5
VSWR(Pass band)		—	1.2	2.1
Attenuation	[880 to 960MHz] (dB)	24.5	30	—
	[1710 to 1990MHz] (dB)	20	27	—
	[2170MHz] (dB)	8.5	11	—
	[4800 to 5000MHz] (dB)	15.5	21	—
	[7200 to 7500MHz] (dB)	20	28	—
Temperature range	Operating (°C)	-40	—	+85
	Storage (°C)	-40	—	+85

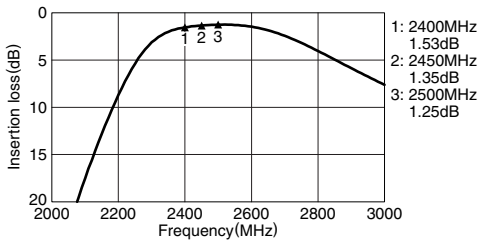
• Ta:+25°C

• 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.

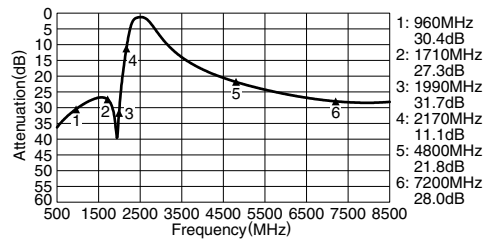
• All specifications are subject to change without notice.

### FREQUENCY CHARACTERISTICS

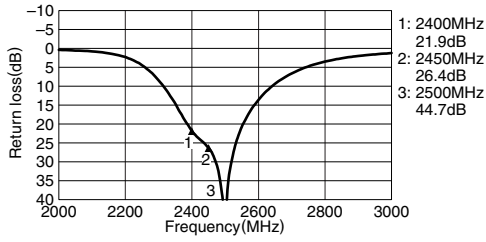
#### INSERTION LOSS



#### ATTENUATION



#### RETURN LOSS



#### VSWR

