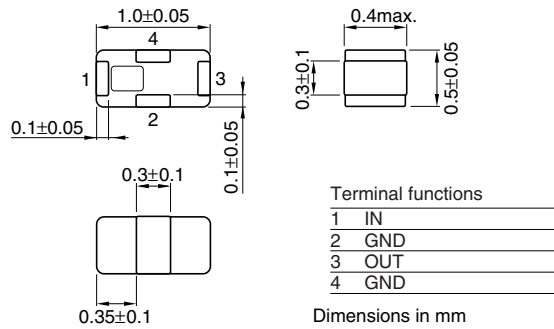


# Multilayer Chip Low Pass Filters For Bluetooth & 2.4GHz W-LAN

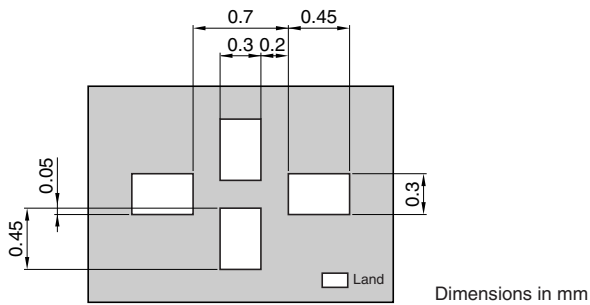
Conformity to RoHS Directive

DEA Series DEA102500LT-6307A1

## SHAPES AND DIMENSIONS



## RECOMMENDED PC BOARD PATTERNS



## ELECTRICAL CHARACTERISTICS

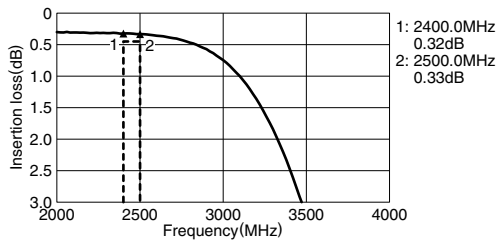
Item				Minimum value	Typical value	Maximum value
Insertion loss	[25°C]	[2400 to 2500MHz]	(dB)	—	0.33	0.45
	[−40 to +85°C]	[2400 to 2500MHz]	(dB)	—	—	0.55
Attenuation		[4800 to 5000MHz]	(dB)	21.0	26.0	—
		[7200 to 7500MHz]	(dB)	21.0	24.2	—
VSWR		[2400 to 2500MHz]		—	1.21	1.7
Temperature range		Operating	(°C)	−40	—	+85
		Storage	(°C)	−40	—	+85

• 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.

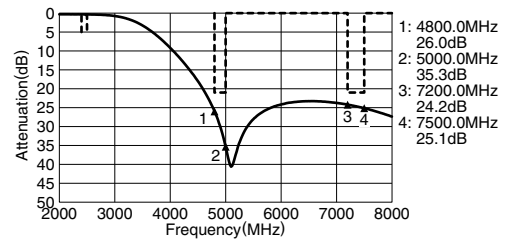
• All specifications are subject to change without notice.

### FREQUENCY CHARACTERISTICS

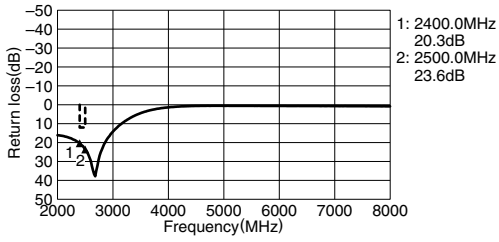
#### INSERTION LOSS



#### ATTENUATION



#### RETURN LOSS



#### VSWR

