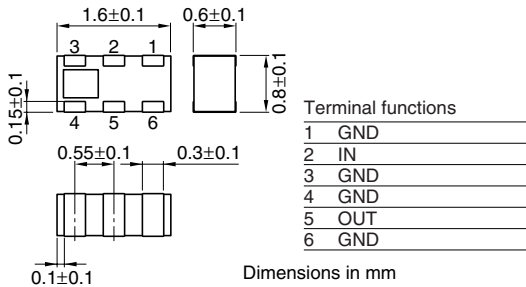


# Multilayer Chip Low Pass Filters For WiMAX

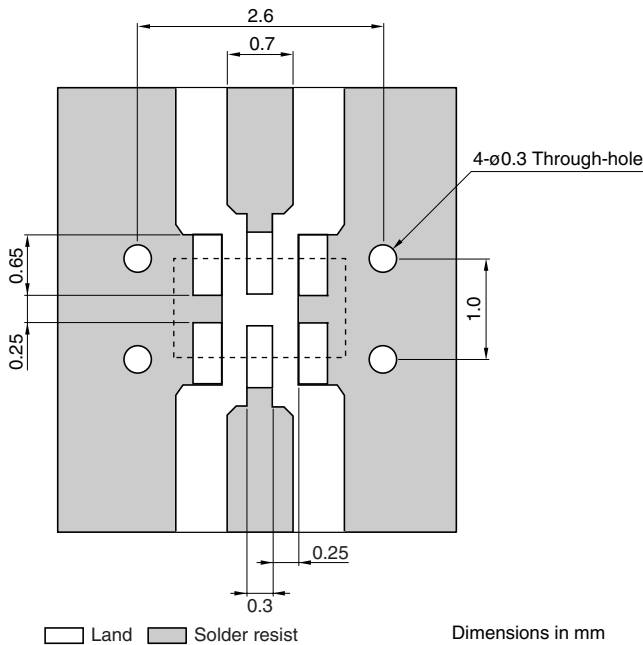
Conformity to RoHS Directive

DEA Series DEA162700LT-5014A1

## SHAPES AND DIMENSIONS



## RECOMMENDED PC BOARD PATTERNS



## ELECTRICAL CHARACTERISTICS

Item				Minimum value	Typical value	Maximum value
Insertion loss	[at +25°C]	[2400 to 2700MHz]	(dB)	—	—	0.35
	[at -40 to +85°C]	[2400 to 2700MHz]	(dB)	—	—	0.40
Attenuation		[4800 to 5390MHz]	(dB)	26	—	—
		[7200 to 8085MHz]	(dB)	23	—	—
Return loss		[2400 to 2700MHz]	(dB)	10	—	—
Temperature range		Operating	(°C)	-40	—	+85
		Storage	(°C)	-40	—	+85

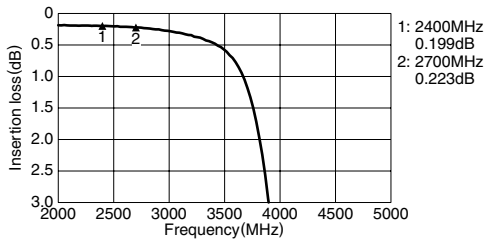
• Ta: +25±5°C

• 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.

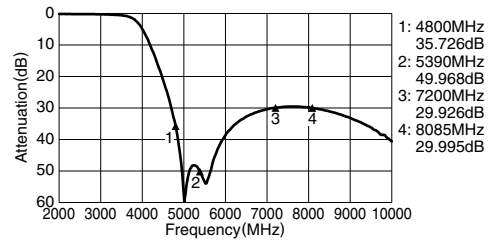
• All specifications are subject to change without notice.

### FREQUENCY CHARACTERISTICS

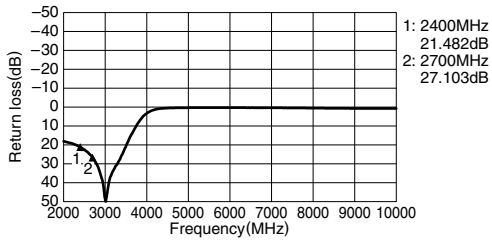
#### INSERTION LOSS



#### ATTENUATION



#### RETURN LOSS



#### VSWR

