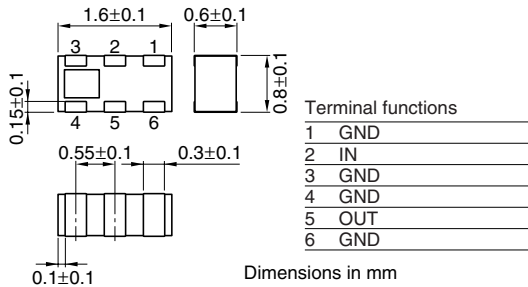


# Multilayer Chip Low Pass Filters For WiMAX

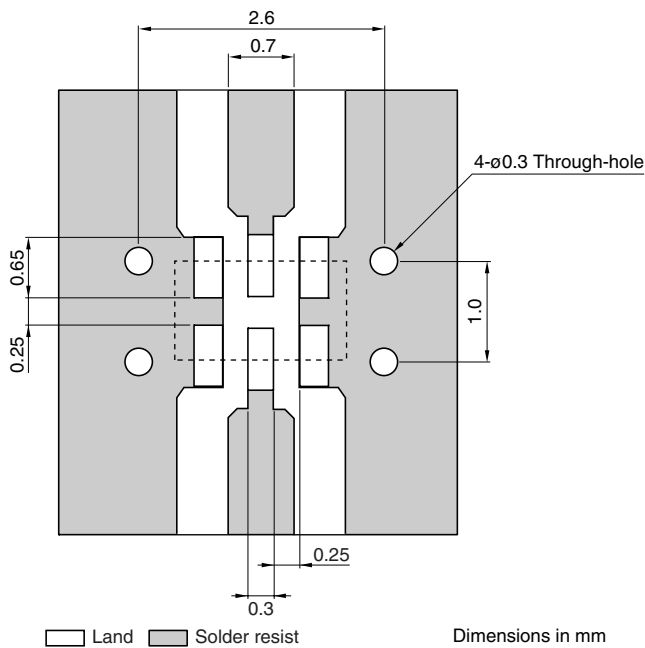
Conformity to RoHS Directive

DEA Series DEA162690LT-1217A2

## SHAPES AND DIMENSIONS



## RECOMMENDED PC BOARD PATTERNS



## ELECTRICAL CHARACTERISTICS

Item			Minimum value	Typical value	Maximum value
Insertion loss	[2300 to 2690MHz]	(dB)	—	0.32	0.8
Return loss	[2300 to 2690MHz]	(dB)	10	22	—
Attenuation	[4600 to 5400MHz]	(dB)	25	45	—
	[6900 to 8070MHz]	(dB)	25	33	—
Temperature range	Operating	(°C)	-40	—	+85
	Storage	(°C)	-40	—	+85

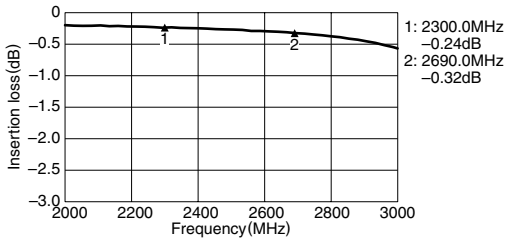
• Ta: 25±5°C

• 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.

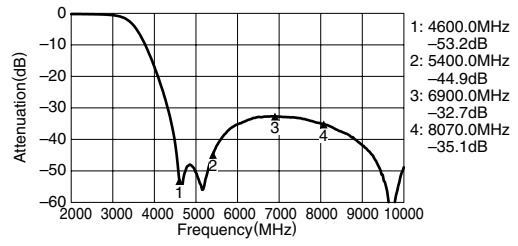
• All specifications are subject to change without notice.

### FREQUENCY CHARACTERISTICS

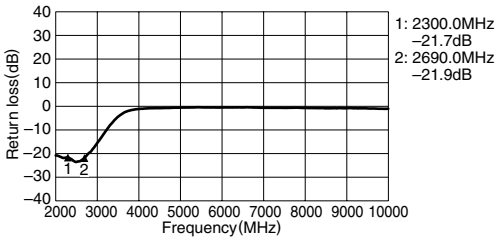
#### INSERTION LOSS



#### ATTENUATION



#### RETURN LOSS



#### VSWR

