

# Multilayer Low Pass Filters

For 5.0GHz W-LAN

## DEA Series

Type: **DEA165850LT-1197B2 (1.6×0.8×0.8mm)**

Issue date: December 2010

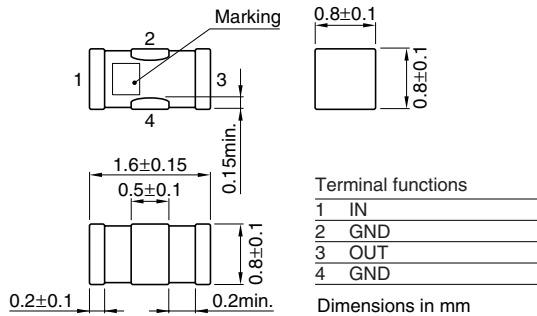
- All specifications are subject to change without notice.
  - Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.
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# Multilayer Chip Low Pass Filters For 5GHz W-LAN

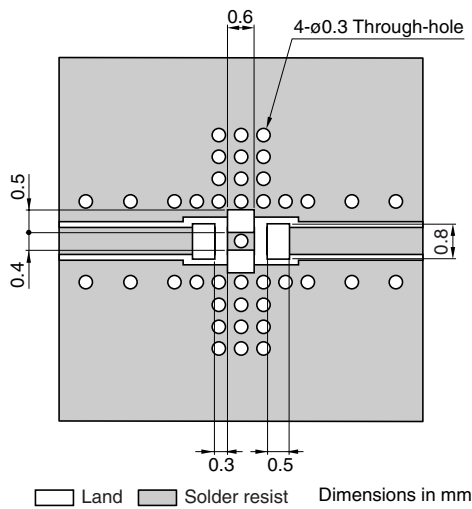
Conformity to RoHS Directive

DEA Series DEA165850LT-1197B2

## SHAPES AND DIMENSIONS



## RECOMMENDED PC BOARD PATTERNS



## ELECTRICAL CHARACTERISTICS

Item			Minimum value	Typical value	Maximum value
Insertion loss	[4900 to 5950MHz]	(dB)	—	—	0.7
Return loss	[4900 to 5950MHz]	(dB)	12	—	—
Attenuation	[9800MHz]	(dB)	20	—	—
	[11900MHz]	(dB)	30	—	—
Temperature range	Operating	(°C)	-40	—	+85
	Storage	(°C)	-40	—	+85

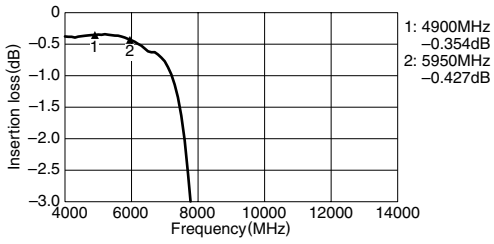
• Ta: +25±5°C

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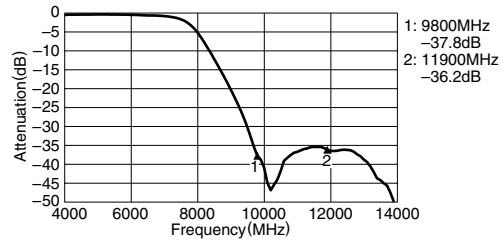
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### FREQUENCY CHARACTERISTICS

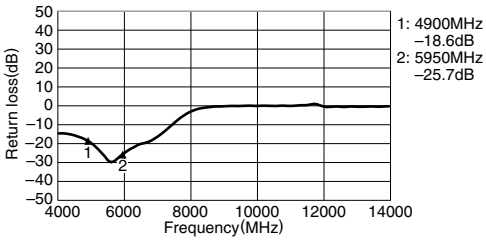
#### INSERTION LOSS



#### ATTENUATION



#### RETURN LOSS



#### VSWR

