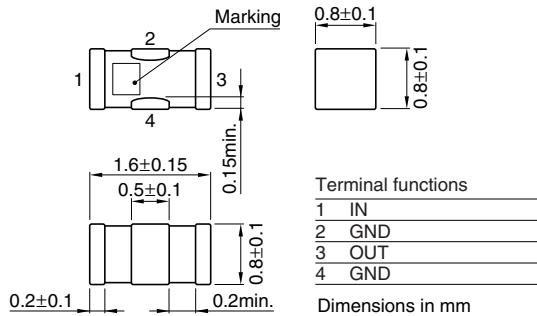


Multilayer Chip Low Pass Filters For 5GHz W-LAN

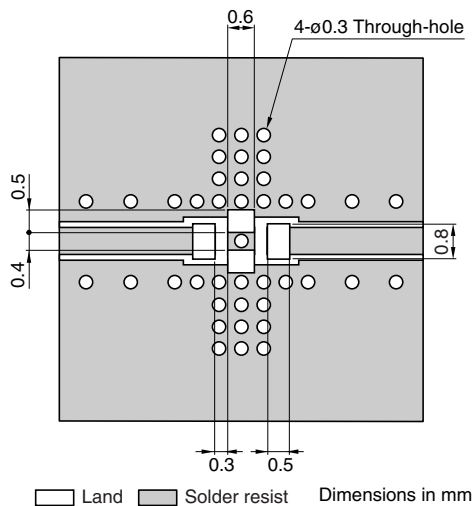
Conformity to RoHS Directive

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

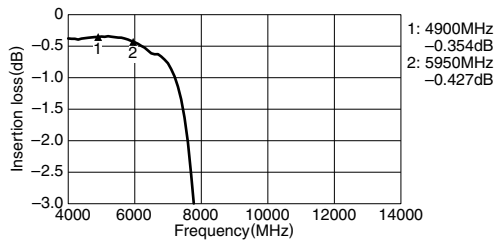
• Ta: +25±5°C

• 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.

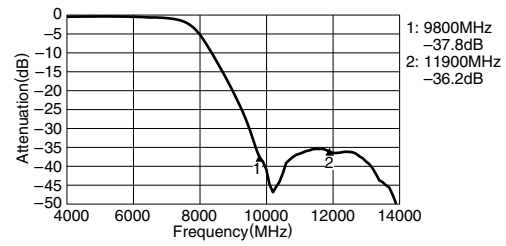
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

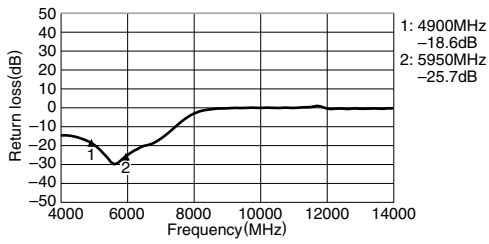
INSERTION LOSS



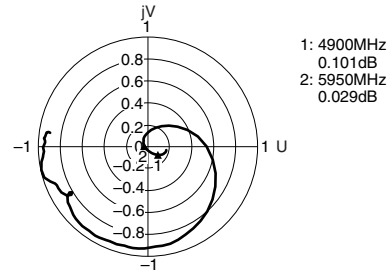
ATTENUATION



RETURN LOSS



VSWR



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TDK:

[DEA165850LT-1197B2](#)