

Multilayer Low Pass Filters

For PCS Tx & Rx

DEA Series

Type: **DEA161990LT-1182 (1.6×0.8×0.8mm)**

Issue date: November 2010

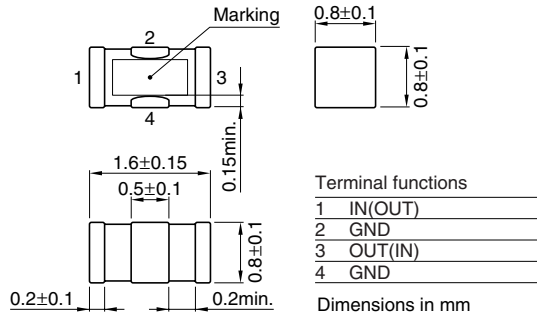
- All specifications are subject to change without notice.
 - Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.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

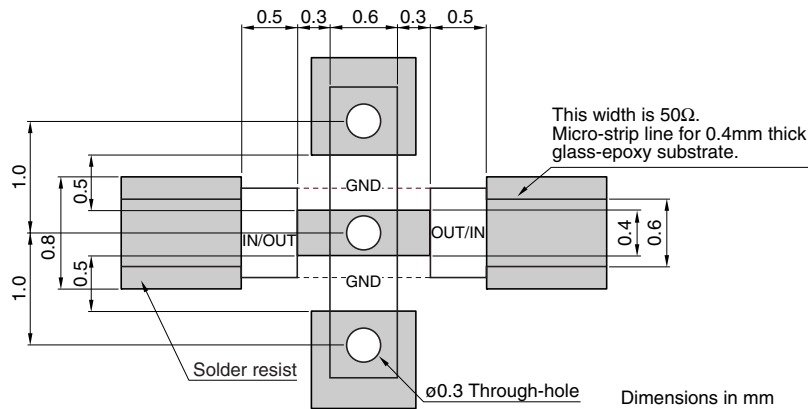
Conformity to RoHS Directive

DEA Series DEA161990LT-1182

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Item			Minimum value	Typical value	Maximum value
Insertion loss	[1710 to 1990MHz]	(dB)	—	0.32	0.7
	[3700MHz]	(dB)	30	40	—
Attenuation	[5550MHz]	(dB)	25	32	—
Temperature range	Operating	(°C)	-40	—	+85
	Storage	(°C)	-40	—	+85

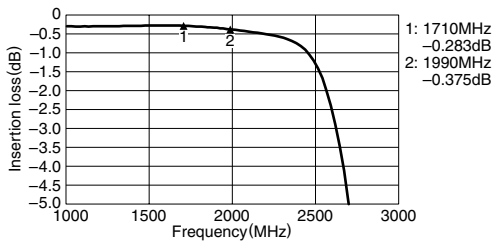
• Ta: +25±5°C

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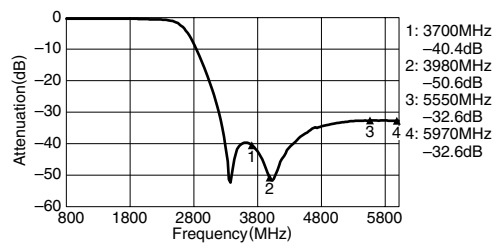
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FREQUENCY CHARACTERISTICS

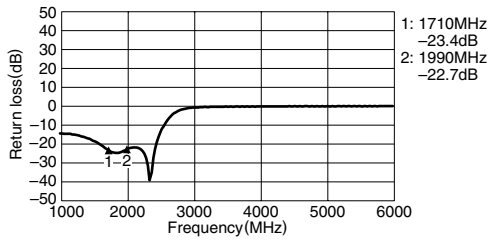
INSERTION LOSS



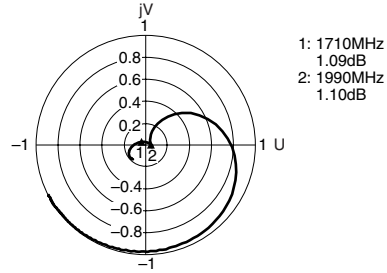
ATTENUATION



RETURN LOSS



VSWR



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