

Multilayer Band Pass Filters

For 3.6GHz WiMAX

DEA Series

Type: **DEA203600BT-1240B2 (2.0×1.25×0.95mm)**

Issue date: November 2010

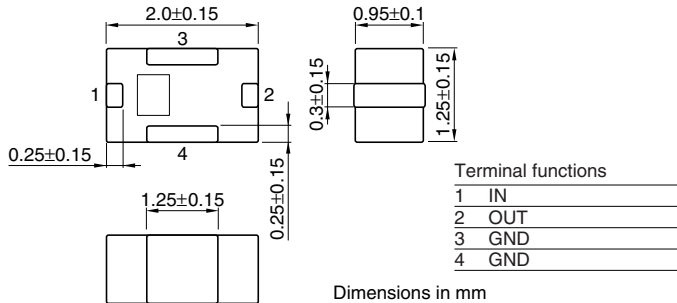
- All specifications are subject to change without notice.
 - Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.
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Multilayer Chip Band Pass Filters For 3.6GHz WiMAX

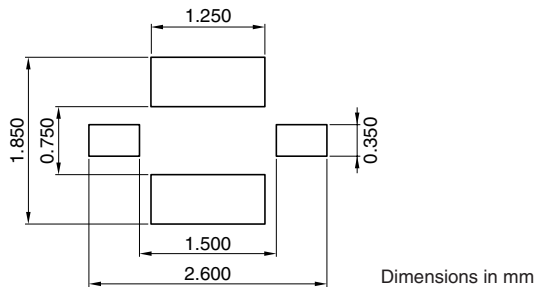
Conformity to RoHS Directive

DEA Series DEA203600BT-1240B2

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Item			Minimum value	Typical value	Maximum value
Insertion loss	[3300 to 3900MHz]	(dB)	—	1.4	2.2
Return loss	[3300 to 3900MHz]	(dB)	10	15	—
Attenuation	[100 to 2600MHz]	(dB)	15	27	—
	[4400 to 6000MHz]	(dB)	10	15	—
	[6000 to 9900MHz]	(dB)	25	50	—
Temperature range	Operating	(°C)	—40	—	+85
	Storage	(°C)	—40	—	+85

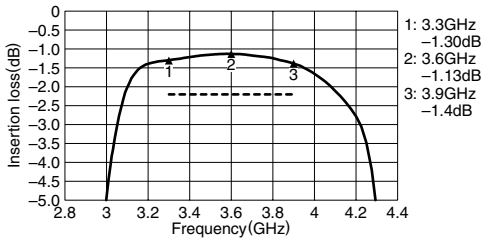
• Ta: +25°C

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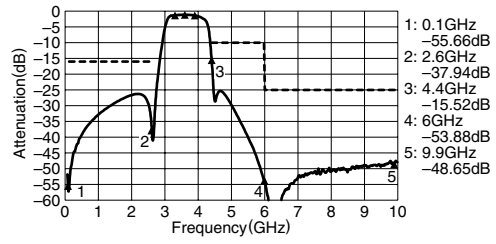
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FREQUENCY CHARACTERISTICS

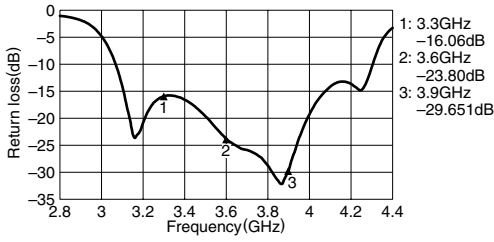
S21 INSERTION LOSS



S21 ATTENUATION



S11 RETURN LOSS



S11 VSWR

