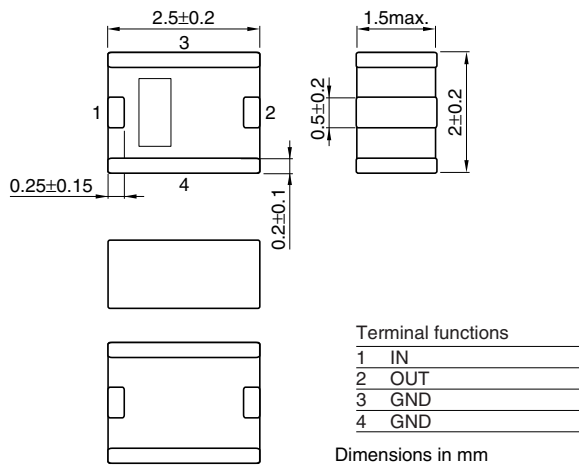


Multilayer Chip Band Pass Filters For 5.0GHz Digital Cordless

Conformity to RoHS Directive

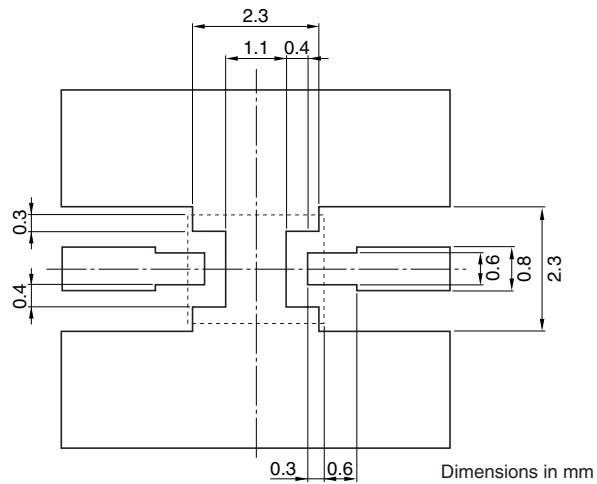
DEA Series DEA255787BT-2044A1

SHAPES AND DIMENSIONS



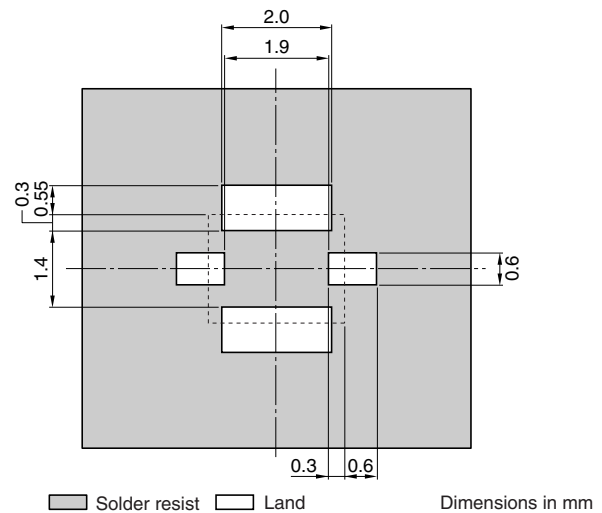
RECOMMENDED PC BOARD PATTERNS

LAND



Line width be designed to match 50Ω characteristic impedance depending on PCB material and thickness.

SOLDER RESIST



ELECTRICAL CHARACTERISTICS

Item			Minimum value	Typical value	Maximum value
Insertion loss	[5725 to 5850MHz]	(dB)	—	—	1.6
VSWR	[5725 to 5850MHz]		—	—	2
	[1908 to 1950MHz]	(dB)	50	—	—
Attenuation	[3816 to 3900MHz]	(dB)	47	—	—
	[11450 to 11700MHz]	(dB)	25	—	—
Ripple	[5725 to 5850MHz]	(dB)	—	—	0.6
Temperature range	Operating	(°C)	−40	—	+85
	Storage	(°C)	−40	—	+85

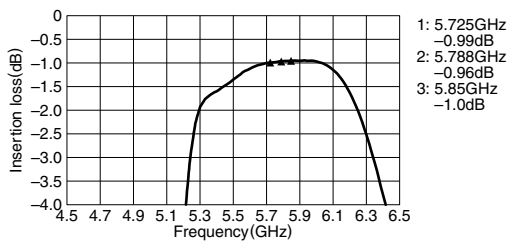
• Ta: +25°C

• 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.

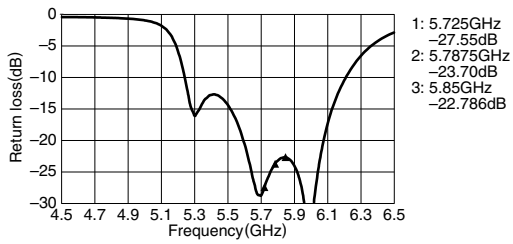
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

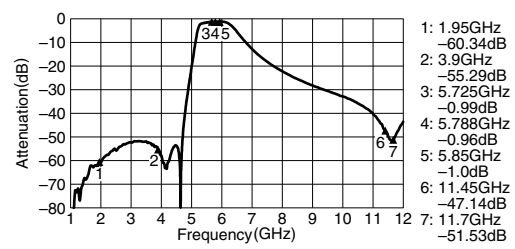
INSERTION LOSS



RETURN LOSS



ATTENUATION



VSWR

