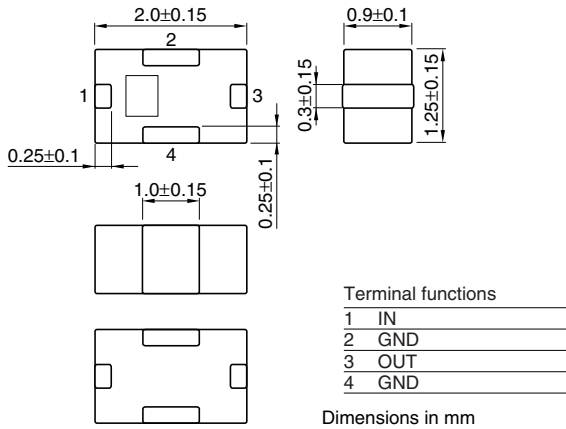


Multilayer Chip Band Pass Filters For 5.0GHz W-LAN

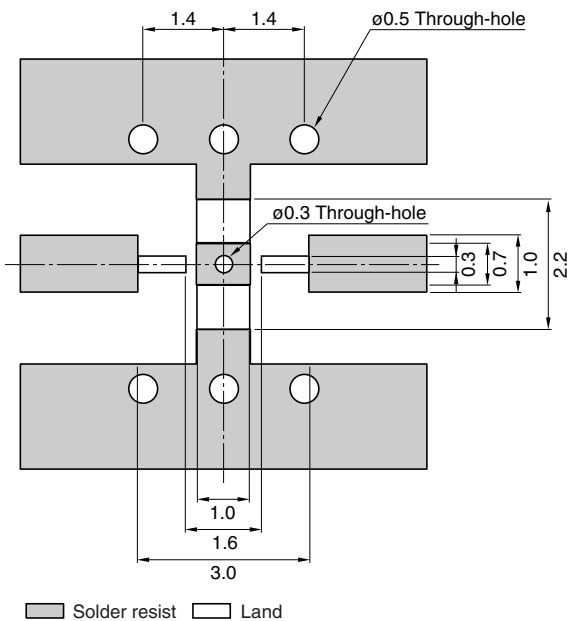
Conformity to RoHS Directive

DEA Series DEA205425BT-1209B2

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



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

Dimensions in mm

- 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.

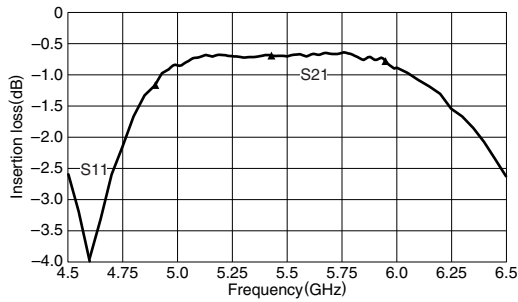
ELECTRICAL CHARACTERISTICS

Item			Minimum value	Typical value	Maximum value
Center frequency	[5425MHz]		—	—	—
Insertion loss	[4900 to 5950MHz]	(dB)	—	1.1	1.5
Return loss	[4900 to 5950MHz]	(dB)	10	—	—
	[500 to 1900MHz]	(dB)	35	41	—
Attenuation	[2140 to 3300MHz]	(dB)	30	38	—
	[3450MHz]	(dB)	25	34	—
	[9800 to 11900MHz]	(dB)	17	25	—
Temperature range	Operating	(°C)	-40	—	+85
	Storage	(°C)	-40	—	+85

• Ta: +25°C

FREQUENCY CHARACTERISTICS

INSERTION LOSS



ATTENUATION

