

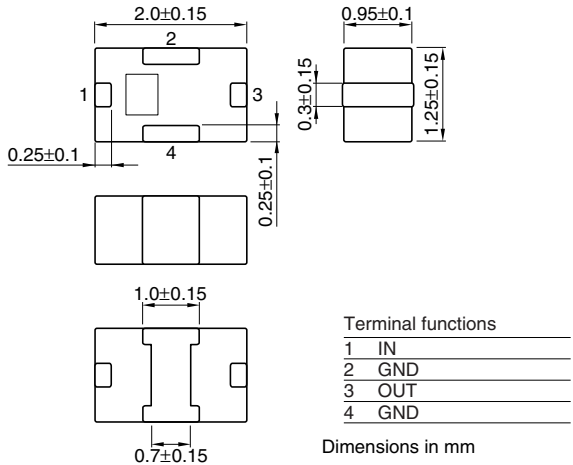
Multilayer Chip Band Pass Filters

For 5.0GHz W-LAN

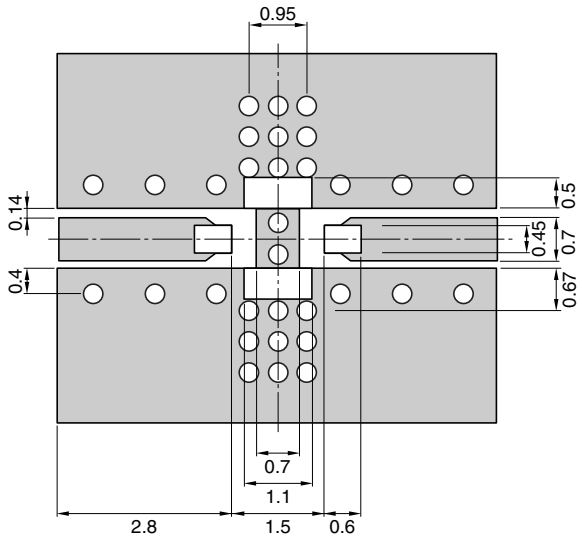
Conformity to RoHS Directive

DEA Series DEA205425BT-2028A4

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



Solder resist
 Land

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.

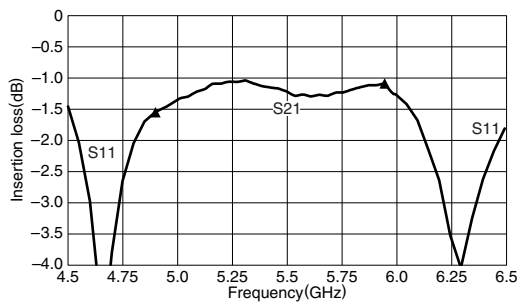
ELECTRICAL CHARACTERISTICS

Item			Minimum value	Typical value	Maximum value
Center frequency	[5425MHz]		—	—	—
Insertion loss	[4900 to 5950MHz]	(dB)	—	1.6	2.0
Return loss	[4900 to 5950MHz]	(dB)	9	11	—
Attenuation	[1280 to 3300MHz]	(dB)	40	50	—
	[3300 to 4000MHz]	(dB)	25	33	—
	[4375 to 4465MHz]	(dB)	7	12	—
	[7300 to 8930MHz]	(dB)	14	18	—
	[9800 to 11900MHz]	(dB)	25	38	—
Temperature range	Operating	(°C)	−40	—	+85
	Storage	(°C)	−40	—	+85

• Ta: +25°C

FREQUENCY CHARACTERISTICS

INSERTION LOSS



ATTENUATION

