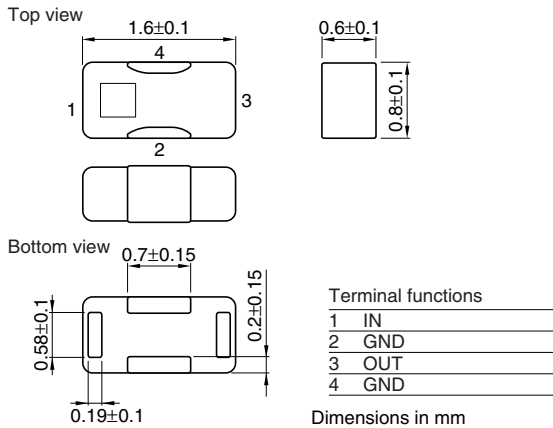


Multilayer Chip Band Pass Filters For 5GHz W-LAN

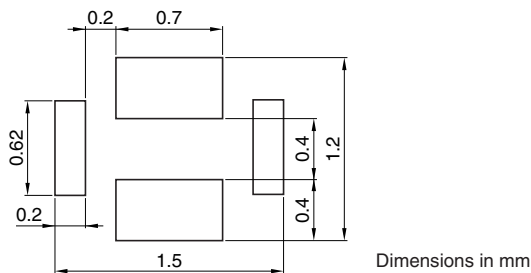
Conformity to RoHS Directive

DEA Series DEA165375BT-2122A1

SHAPES AND DIMENSIONS



RECOMMENDED PC BOARD PATTERNS



ELECTRICAL CHARACTERISTICS

Item			Minimum value	Typical value	Maximum value
Center frequency		[5375MHz]	(MHz)	—	—
Insertion loss	[+25°C]	[4900 to 5149MHz]	(dB)	—	1.7
		[5150 to 5850MHz]	(dB)	—	1.5
	[−40 to +85°C]	[4900 to 5149MHz]	(dB)	—	2.0
		[5150 to 5850MHz]	(dB)	—	1.8
Return loss		[4900 to 5850MHz]	(dB)	10	14
Ripple(Pass band)		[4900 to 5850MHz]	(dB)	—	0.2
Attenuation		[824 to 960MHz]	(dB)	42.5	49
		[1570 to 1580MHz]	(dB)	19.5	48
		[1710 to 1910MHz]	(dB)	43.5	48
		[1920 to 1990MHz]	(dB)	30.5	50
		[2110 to 2170MHz]	(dB)	21.5	54
		[9800 to 11700MHz]	(dB)	25	38
		[14700 to 17550MHz]	(dB)	10	36
Temperature range	Operating	(°C)	−40	—	+85
	Storage	(°C)	−40	—	+85

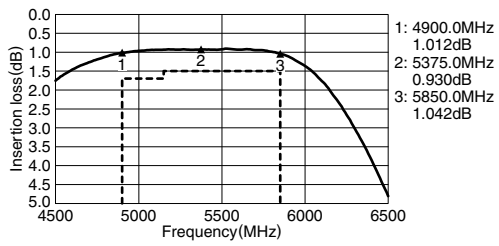
• Ta: +25°C

• 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.

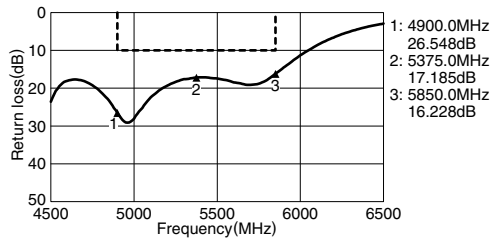
• All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

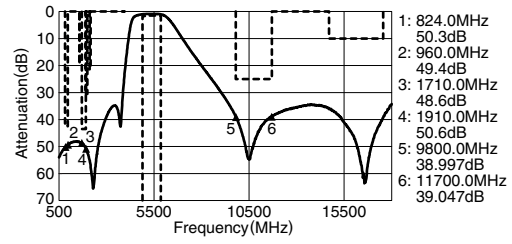
INSERTION LOSS



RETURN LOSS



ATTENUATION



VSWR

