



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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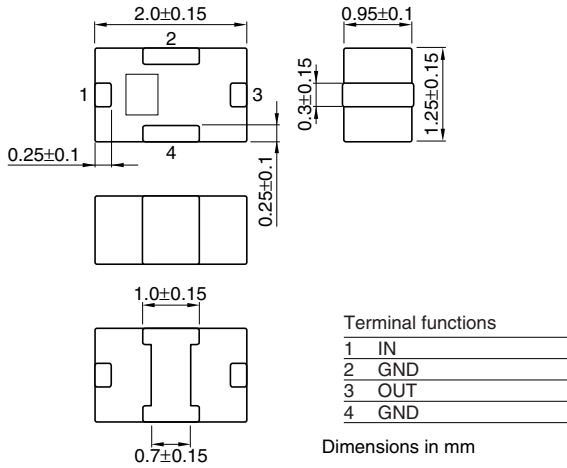


Multilayer Chip Band Pass Filters For 5.0GHz Digital Cordless

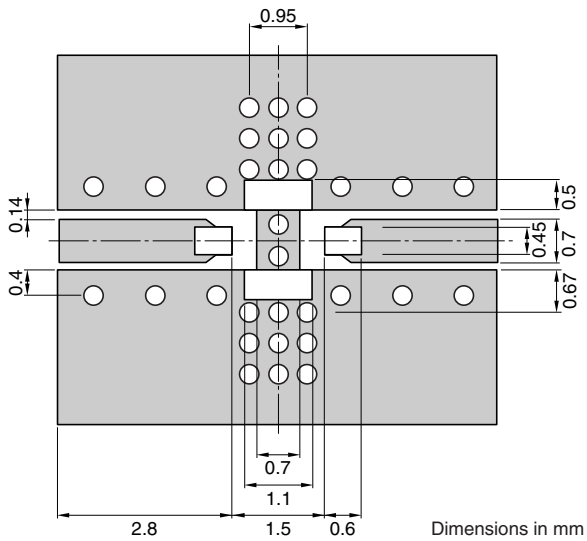
Conformity to RoHS Directive

DEA Series DEA205787BT-2048C1

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.

- 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.

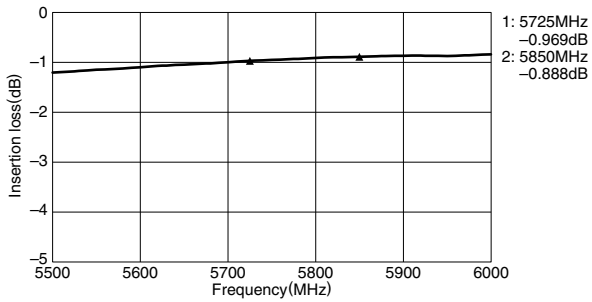
ELECTRICAL CHARACTERISTICS

Item			Minimum value	Typical value	Maximum value
Center frequency	[5787.5MHz]				
Insertion loss	[5725 to 5850MHz]	(dB)	—	—	1.5
VSWR	[5725 to 5850MHz]		—	—	2.0
Attenuation	[1908 to 1950MHz]	(dB)	45	—	—
	[3816 to 3900MHz]	(dB)	45	—	—
Ripple	[11450 to 11700MHz]	(dB)	25	—	—
	[5725 to 5850MHz]	(dB)	—	—	0.6
Temperature range	Operating	(°C)	-40	—	+85
	Storage	(°C)	-40	—	+85

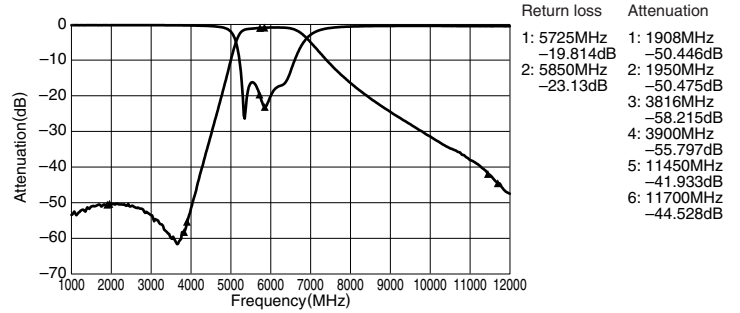
• Ta:+25°C

FREQUENCY CHARACTERISTICS

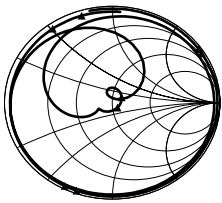
INSERTION LOSS



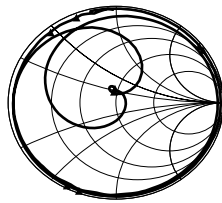
ATTENUATION



SMITH CHARTS



S11



S22