



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!



## Contact us

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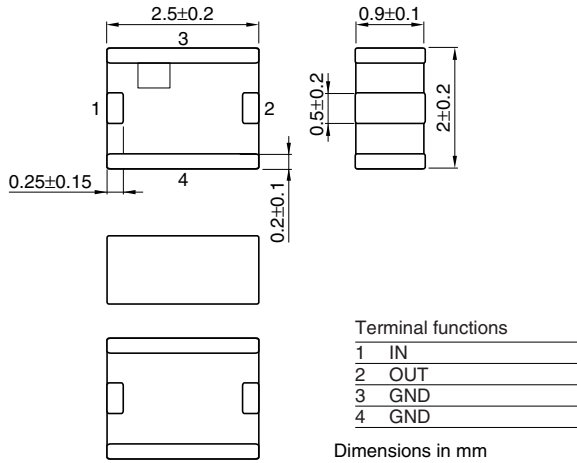


# Multilayer Chip Band Pass Filters For Bluetooth & 2.4GHz W-LAN

Conformity to RoHS Directive

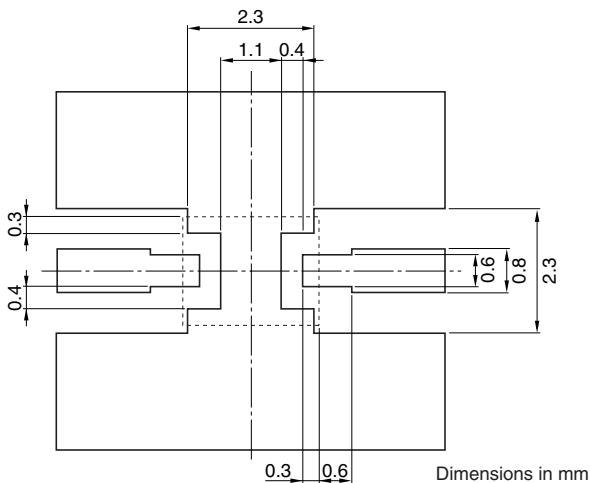
DEA Series DEA252450BT-2024C2

## SHAPES AND DIMENSIONS



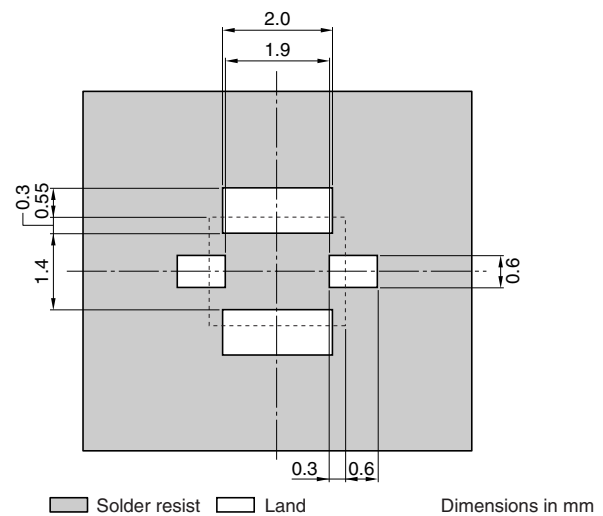
## RECOMMENDED PC BOARD PATTERNS

### LAND



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

### SOLDER RESIST



## ELECTRICAL CHARACTERISTICS

Item	Minimum value	Typical value	Maximum value
Insertion loss	[2400 to 2800MHz] (dB)	—	3.0
Return loss	[2400 to 2800MHz] (dB)	10.0	—
	[880 to 960MHz] (dB)	50.0	—
	[1565 to 1585MHz] (dB)	50.0	—
Attenuation	[1710 to 1880MHz] (dB)	48.0	—
	[1930 to 1990MHz] (dB)	48.0	—
	[2110 to 2170MHz] (dB)	22.0	—
Temperature range	Operating (°C)	—	+85
	Storage (°C)	—	+85

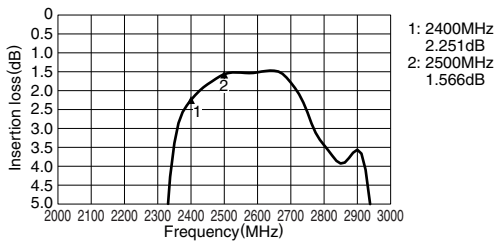
• Ta: +25°C

• 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.

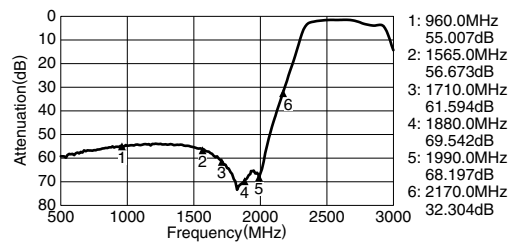
• All specifications are subject to change without notice.

### FREQUENCY CHARACTERISTICS

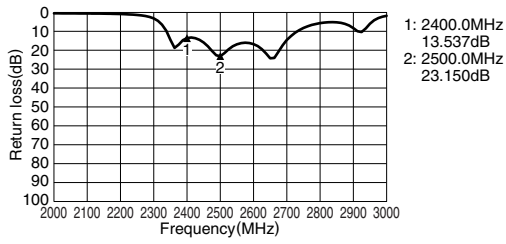
#### INSERTION LOSS



#### ATTENUATION



#### RETURN LOSS



#### VSWR

