



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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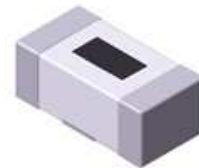


SMD 2.45GHz Dielectric Band Pass Filter

ADFC15-2450.00-A-T



RoHS
Compliant



1.0 x 0.5 x 0.38mm

FEATURES:

- Small and low profile enables high density mounting
- Low insertion loss & attenuation
- Internally shielded for enhanced performance
- Excellent solderability

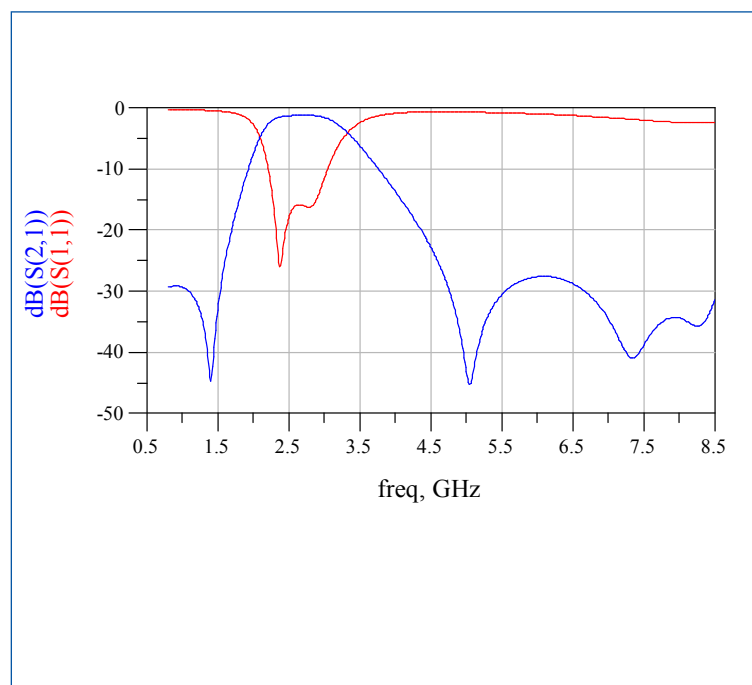
APPLICATIONS:

- Mobile communication system
- Bluetooth, Wireless LAN, WIFI, GPS, etc.

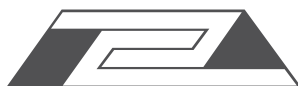
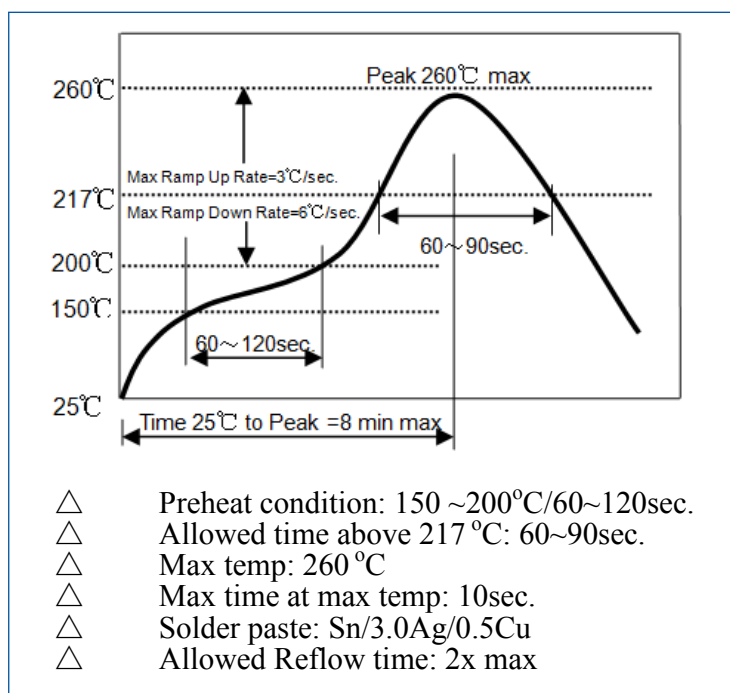
STANDARD SPECIFICATIONS:

Parameters	Minimum	Typical	Maximum	Units	Notes
Center Frequency (f_0)		2450.00		MHz	
Passband width	2400.00		2500.00	MHz	
Insertion Loss (2400 ~ 2500MHz)			1.4	dB	@+25°C
			1.7	dB	@ -40 ~ +85°C
Amplitude Ripple (2400 ~ 2500MHz)			0.5	dB	
V.S.W.R (2400 ~ 2500MHz)			1.5		
Relative Attenuation (Reference level: 0dB)	25			dB	800 ~ 960MHz
	8				1710 ~ 1970MHz
	23				4800 ~ 5000MHz
	32				7200 ~ 7500MHz
Characteristic Impedance		50		Ω	
Operation Temperature Range	-40		+85	°C	
Storage Temperature Range	-10		+40	°C	RH 70% Max

CHARACTERISTIC CURVE:



REFLOW PROFILE:

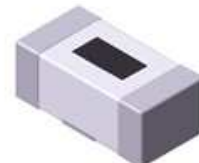


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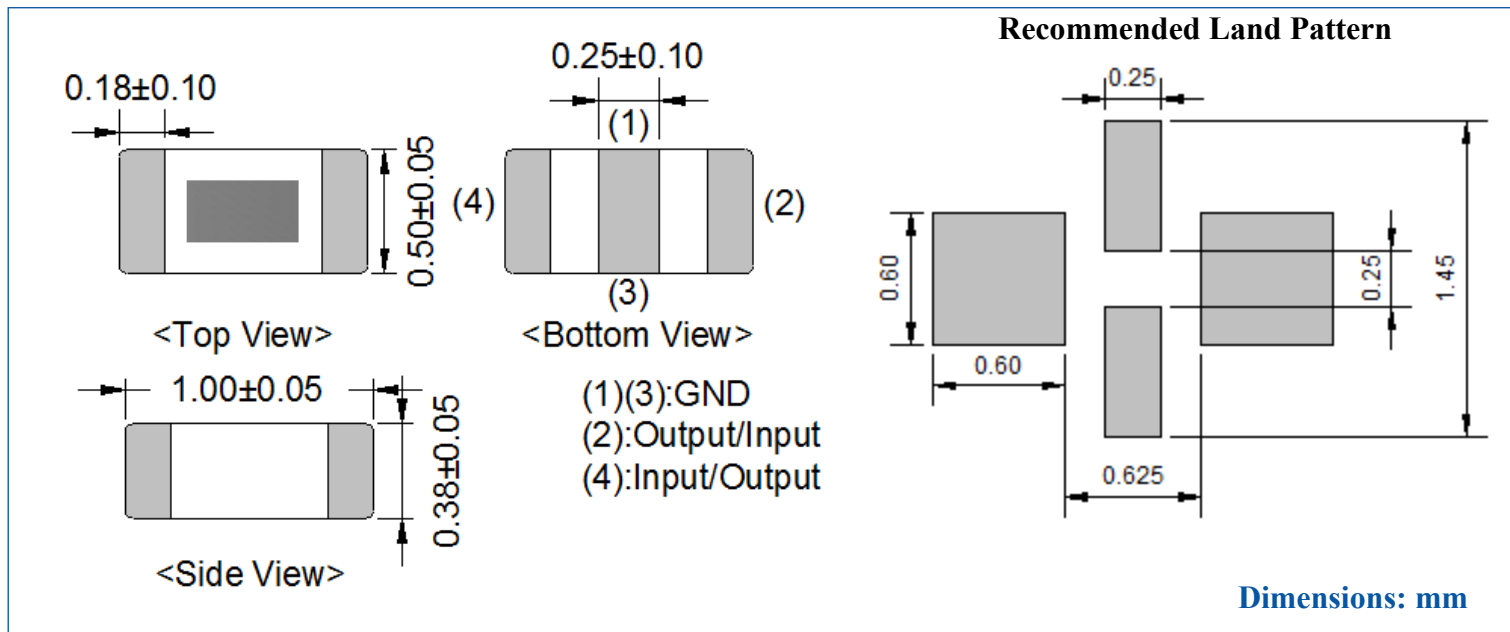


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OUTLINE DRAWING:

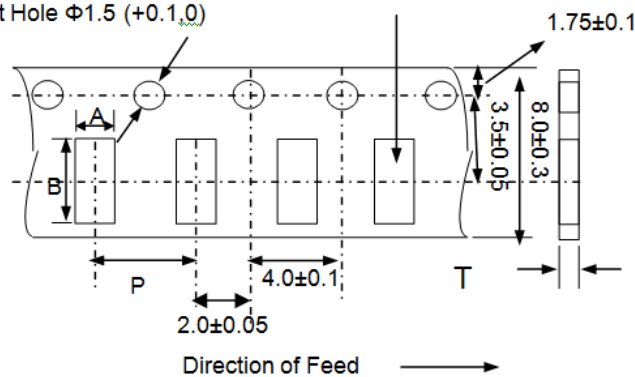


TAPE & REEL:

Packaging: 10,000pcs/reel

Chip Cavity

Sprocket Hole $\Phi 1.5 (+0.1,0)$



A	B	P	T max
0.62 ± 0.03	1.12 ± 0.03	2.00 ± 0.05	0.45

Dimensions: mm

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ABRACON IS
ISO 9001:2008
CERTIFIED



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Revised: 12.03.12