



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 916.5 MHz SAW FILTER

AFS916.5S3

APPLICATION: Remote Control



3.8 x 3.8 x 1.5mm

STANDARD SPECIFICATIONS:

CHARACTERISTICS	UNIT	MIN.	TYP.	MAX.
Center Frequency Fc	MHz	-	916.5	-
Bandwidth	MHz	-	Fc ± 3.5	-
Insertion Loss @ Passband	dB	-	-	4.5
Ripple @ Passband	dB	-	-	2.0
Relative Attenuation				
Fc-45MHz ~ Fc-41MHz	dB	40	-	-
Fc-23MHz ~ Fc-20MHz	dB	30	-	-
Fc+20MHz ~ Fc+23MHz	dB	20	-	-
Fc+41MHz ~ Fc+46MHz	dB	40	-	-
DC Voltage	V	10		
Source Power	dBm	10		
Operating Temperature	°C	-10°C to +60°C		
Storage Temperature	°C	-25°C to +70°C		
Terminating Impedance	-	50 + j57.4Ω		

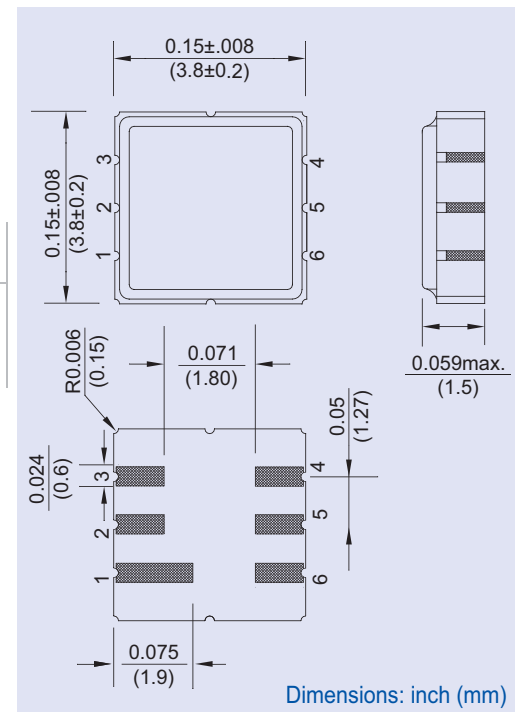
Electrostatic Sensitive Device. Handle with precaution.

MARKING:

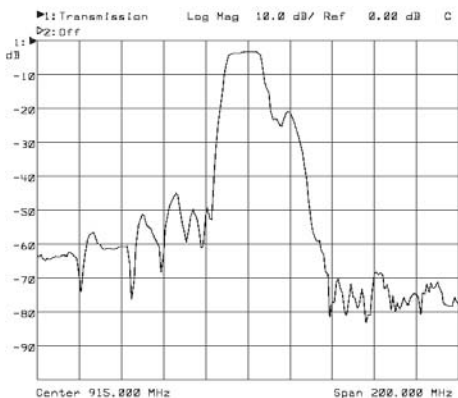
- 916.50 (916.5 Frequency in MHz)
- AF ZYX (ZY: Date code Z for month from A to L; Y for year, i.e. 4 for 2004 X: Traceability code)

PIN NO.	CONNECTIONS
2	Input
5	Output
Others	Ground

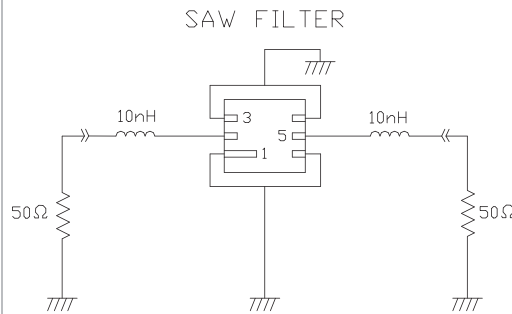
OUTLINE DRAWING:



FREQUENCY RESPONSE:



TEST CIRCUIT:



Please refer to ABRACON's Chip Inductor Series AISC-0603.