



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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**1 575 MHz BANDPASS FILTER****AFL05235****FEATURES**

- L1 Band GPS
- Fully Shielded Component
- Frequency Stable over Temperature

**DESCRIPTION**

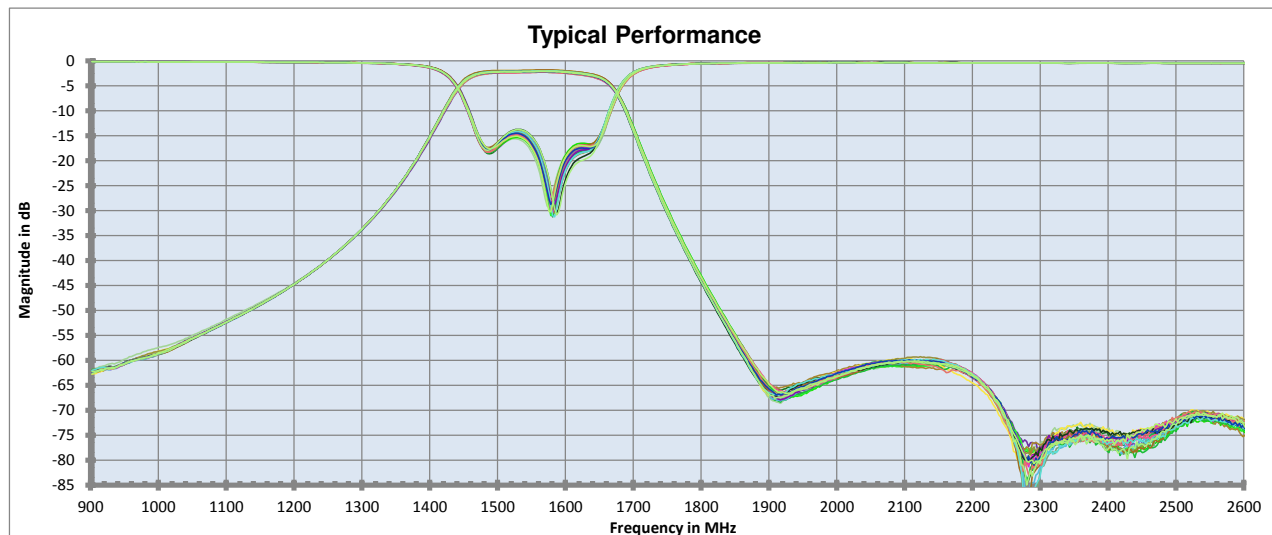
Surface mount, fully shielded, thin film ceramic filter manufactured using ceramic designed for use on PCB 8-12 mils thick with permittivity of 3.0-3.8.

**Electrical Specifications**

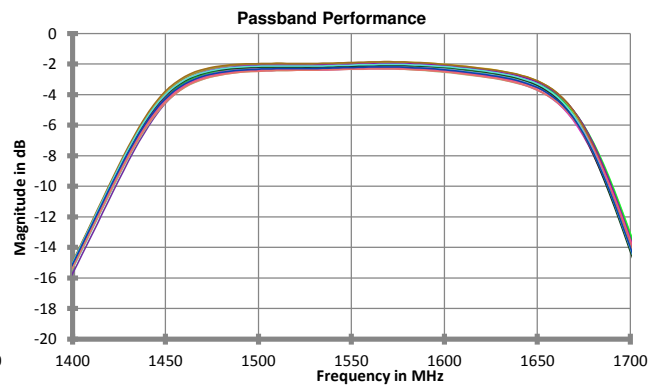
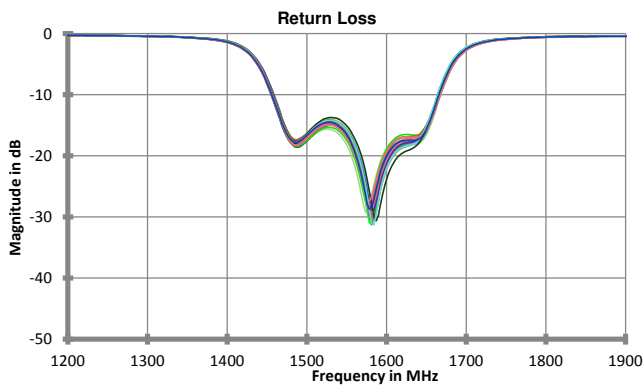
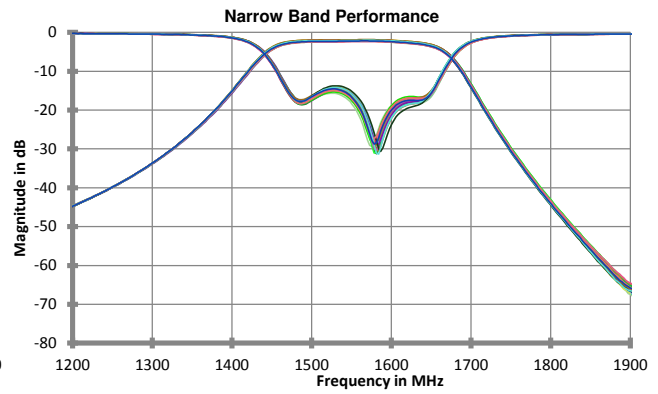
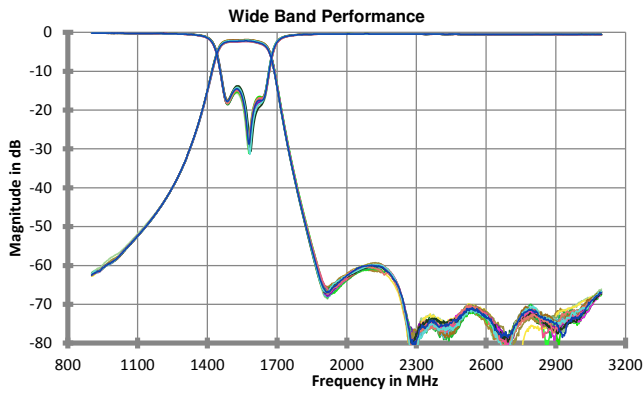
Center Frequency	1575 MHz	
Passband	1570 - 1580 MHz	
Insertion Loss (@ Passband)	3.5 dB	@ 25C
	4.00 dB	-40C to +85C
VSWR	2.0:1	1570 MHz to 1580 MHz*
Rejection	40 dB	DC to 1175 MHz
	40 dB	1875 MHz to 3000 MHz
Usable Temp Range	-55 to +125 degree C	
*50 Ohm System		

**Mechanical**

Footprint LxW	0.460 x 0.460	inch
	[11.68 x 11.68]	mm
Height	0.113 [2.87]	Inch [mm]



Catalog specifications subject to change without notice



For additional information including mechanical drawing and mounting information go to [www.dilabs.com](http://www.dilabs.com).



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