

1 575 MHZ BANDPASS FILTER**AFL05235****FEATURES**

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

DESCRIPTION

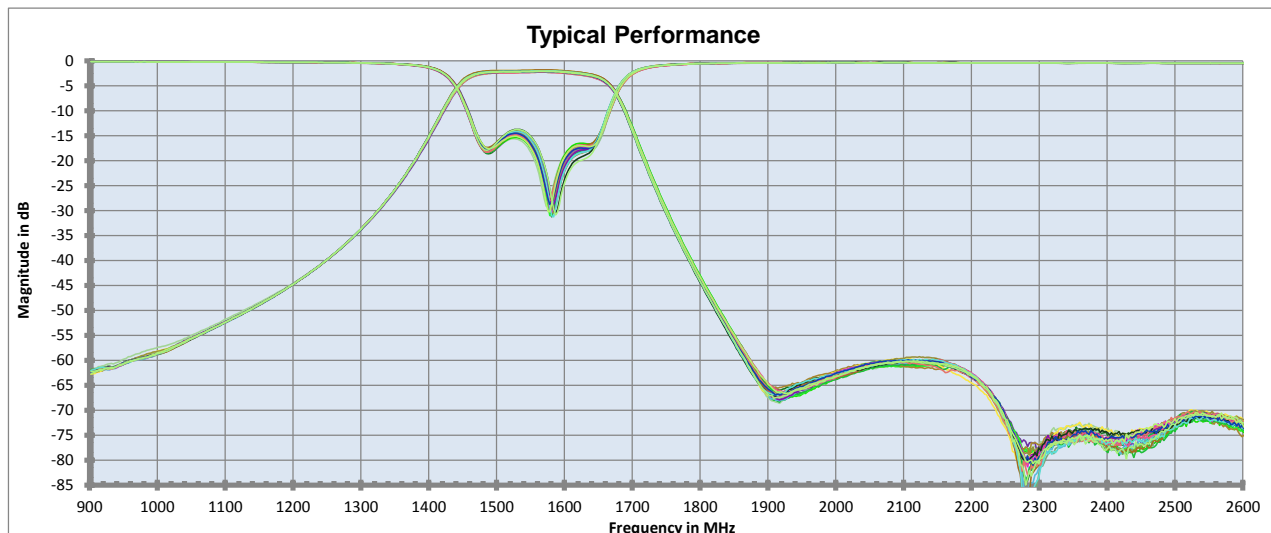
Surface mount, fully shielded, thin film ceramic filter manufactured using ceramic designed for use on PCB 8-12 mils thick with permittivity of 3.0-3.8.

Electrical Specifications

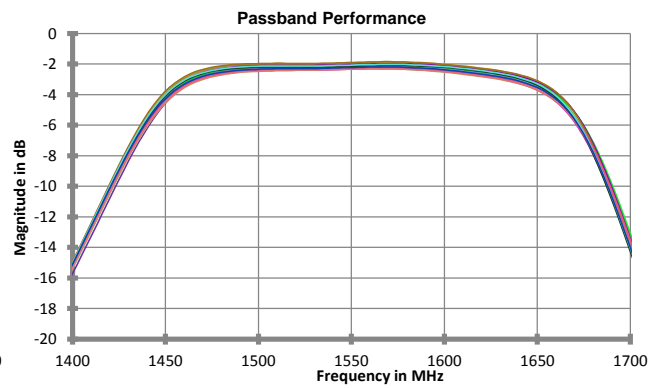
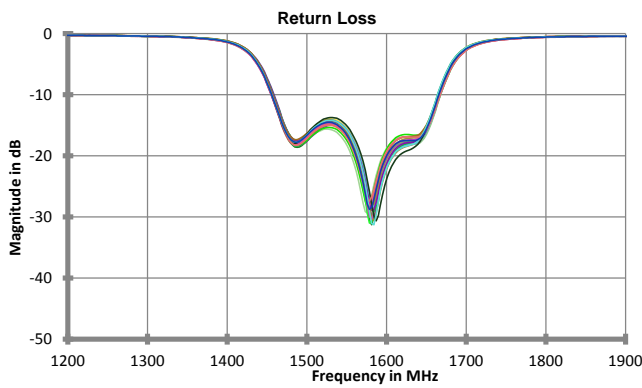
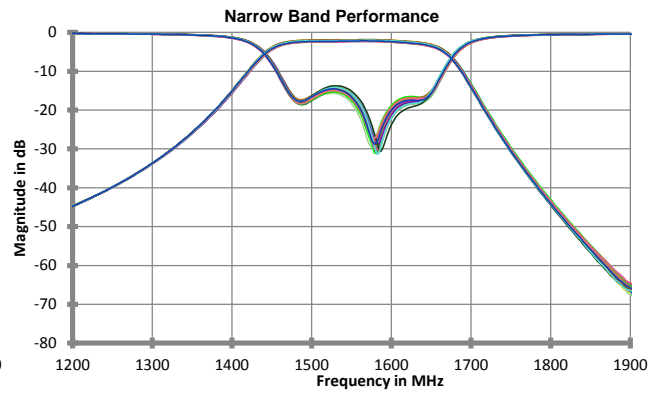
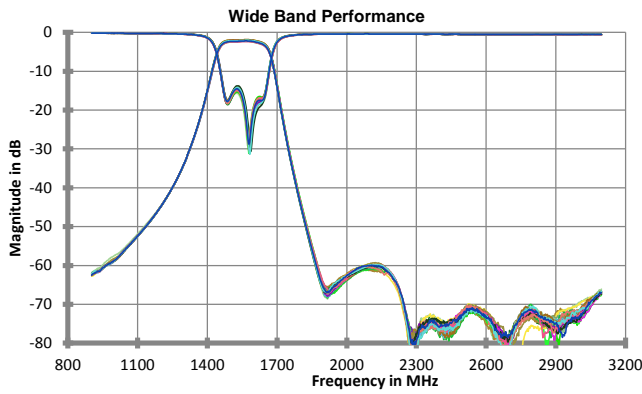
Center Frequency	1575 MHz	
Passband	1570 - 1580 MHz	
Insertion Loss (@ Passband)	3.5 dB	@ 25C
	4.00 dB	-40C to +85C
VSWR	2.0:1	1570 MHz to 1580 MHz*
Rejection	40 dB	DC to 1175 MHz
	40 dB	1875 MHz to 3000 MHz
Usable Temp Range	-55 to +125 degree C	
*50 Ohm System		

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.



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