

**2 TO 4 GHz BANDPASS FILTER****B028RF2S****FEATURES**

- Small Size
- Fully Shielded Component
- Frequency Stable over Temperature

**DESCRIPTION**

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

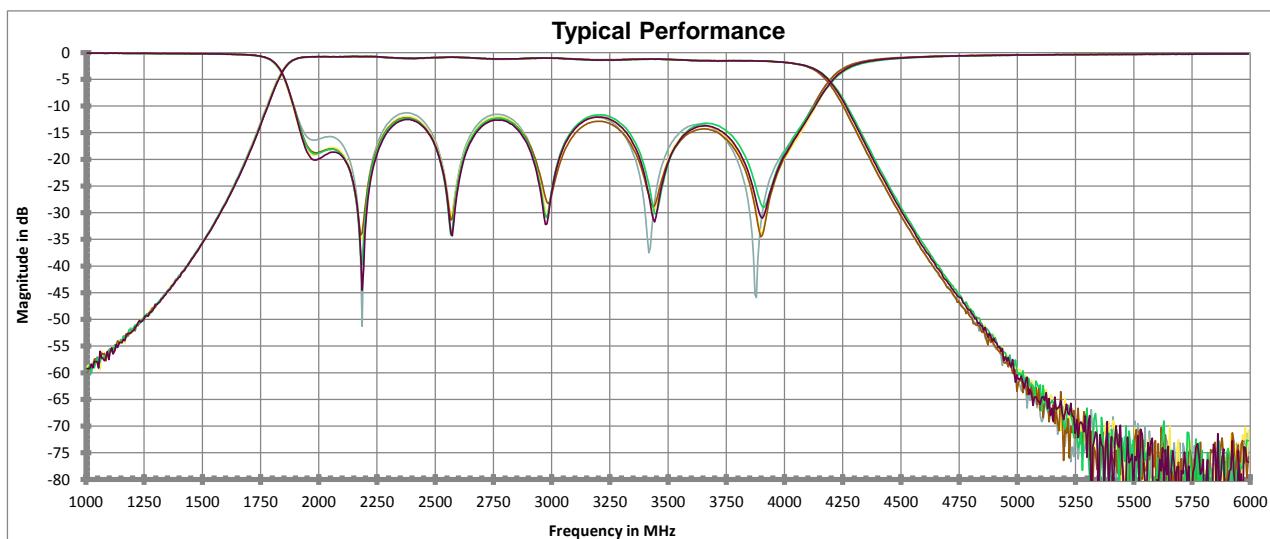
**Electrical Specifications**

Center Frequency	3000 MHz	
Passband	2000 - 4000 MHz	
Insertion Loss (@Fc)	2.5 dB	@ 25C
	3.0 dB	-40C to +85C
VSWR	1.92:1	
Rejection	40 dB	dc to 1250 MHz
	40 dB	4850 MHz to 6000 MHz
Usable Temp Range	-55 to +125 degree C	

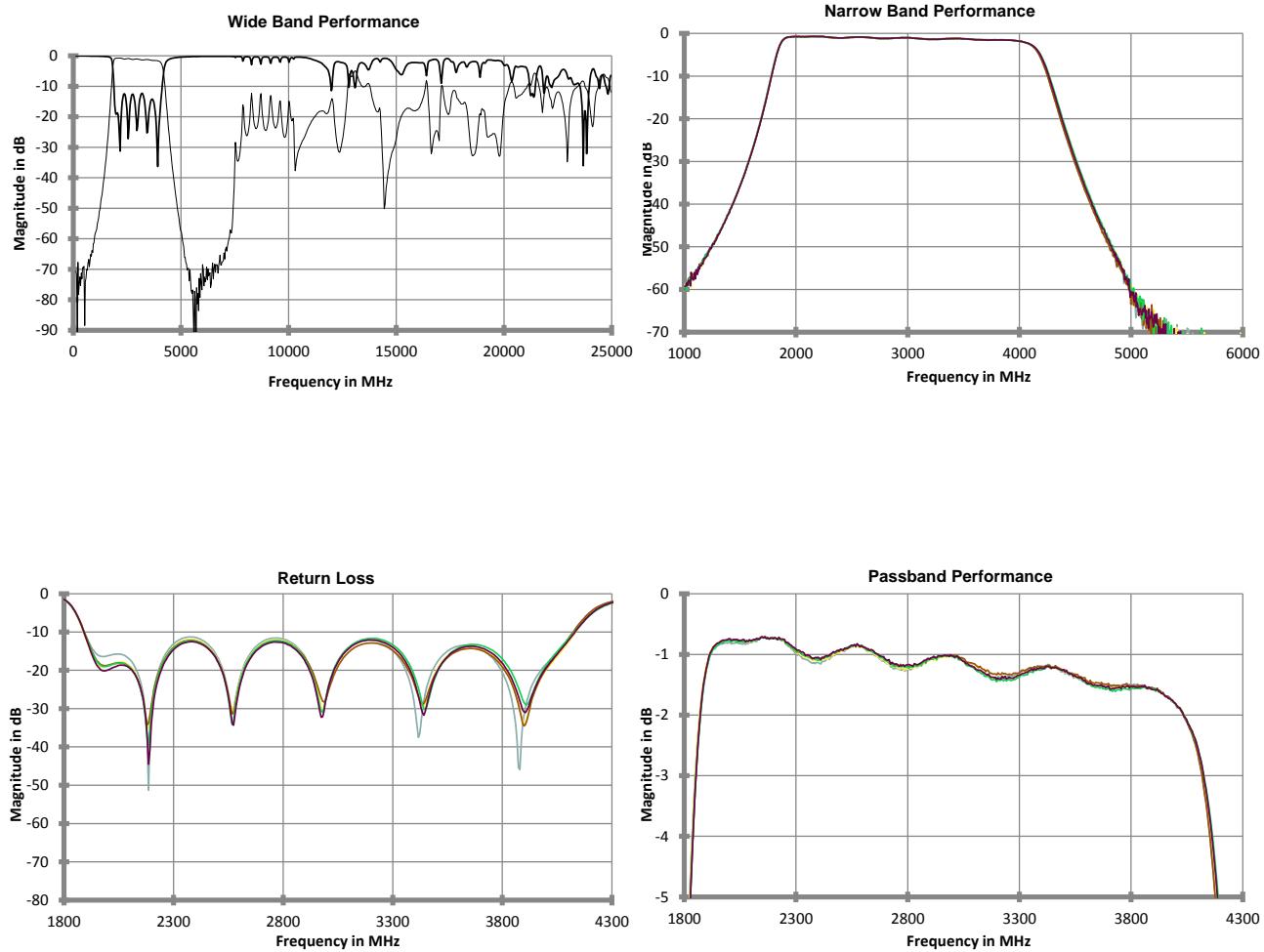
\*50 Ohm System

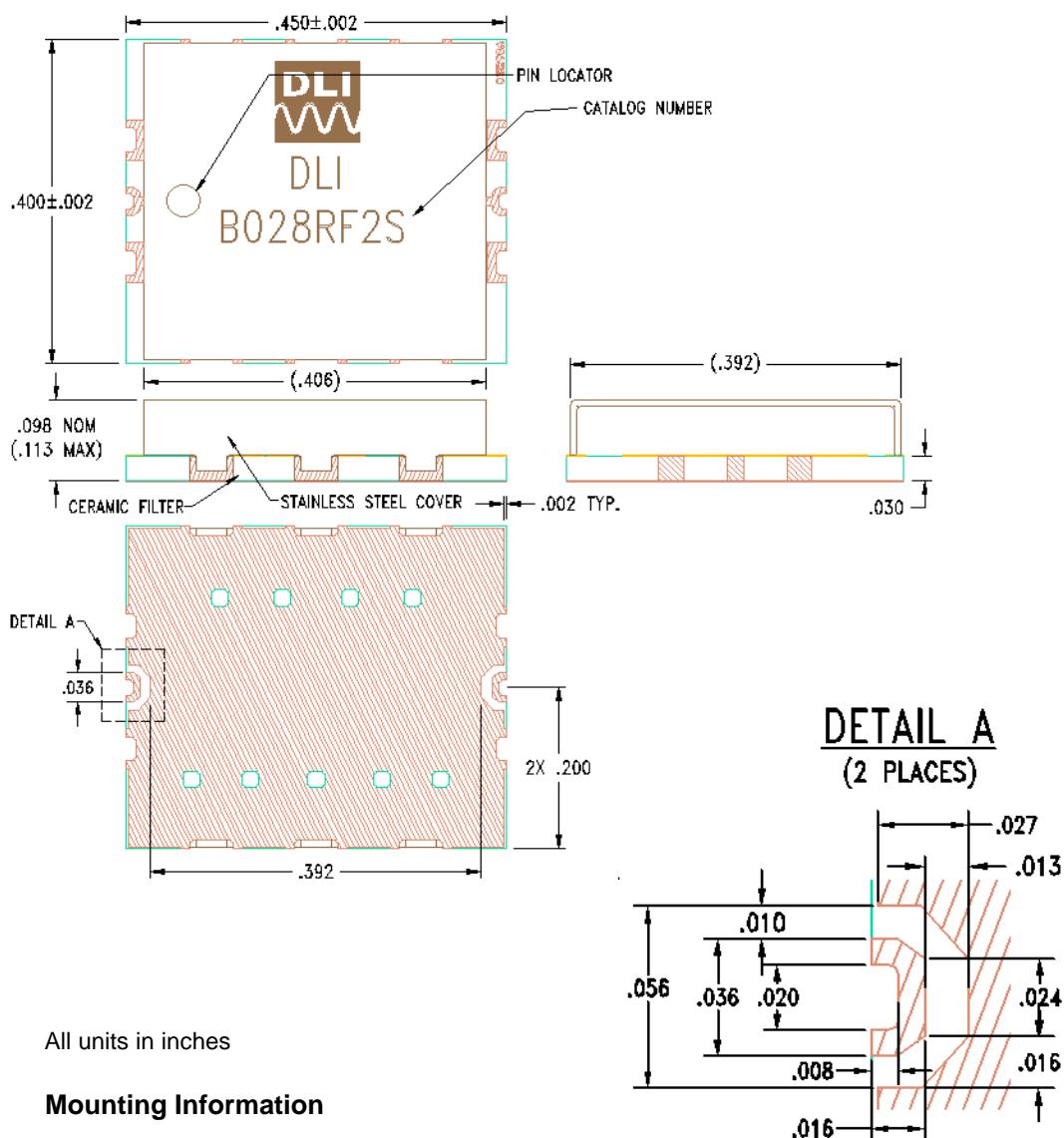
**Mechanical**

Footprint LxW	0.450 x 0.400 inch	inch
	[11.43 x10.16]	mm
Height	0.113 [2.87]	Inch [mm]



Catalog specifications subject to change without notice



**Mechanical Drawing**

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