



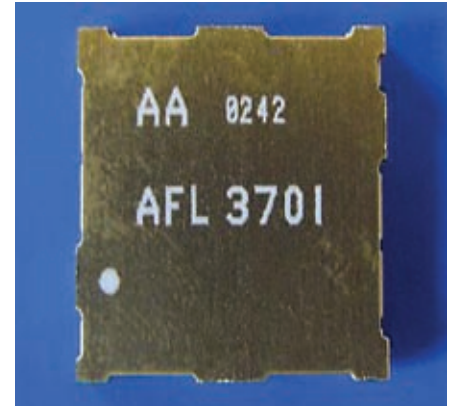
# GPS L1 Filter

## Features

- Small size
- Includes integral PWB cover
- Temperature stable

## Description

- Surface mount, thin film filter on high dielectric constant ceramic.
- Filter Material: DLI's proprietary CF ceramic [K=23].
- Cover Material: Rogers 4003 circuit board material.

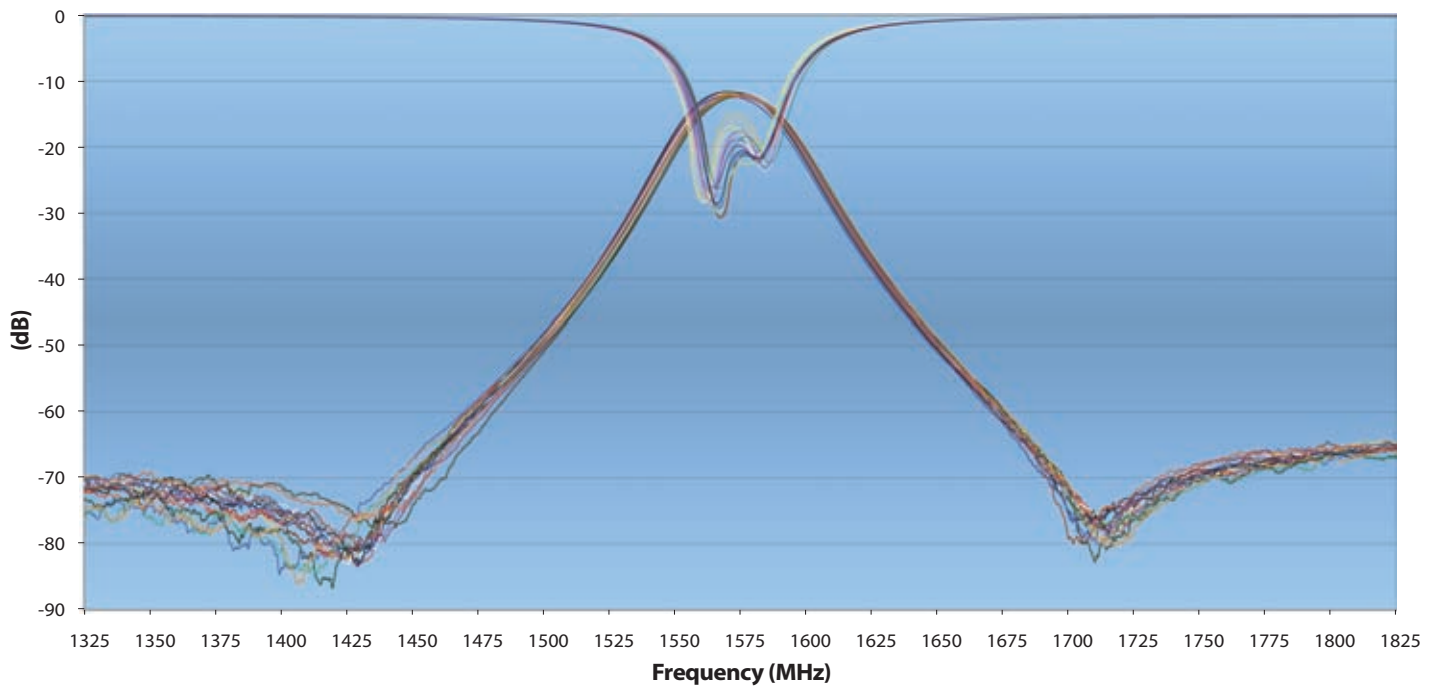


## Electrical Specifications

Center Frequencies	1575 MHz
1dB Passband	1585 MHz - 1580 MHz
Insertion Loss	14dB @ Fc
Attenuation	40dB at 1500 MHz
Attenuation	40dB at 1645 MHz
Passband Return Loss	12dB

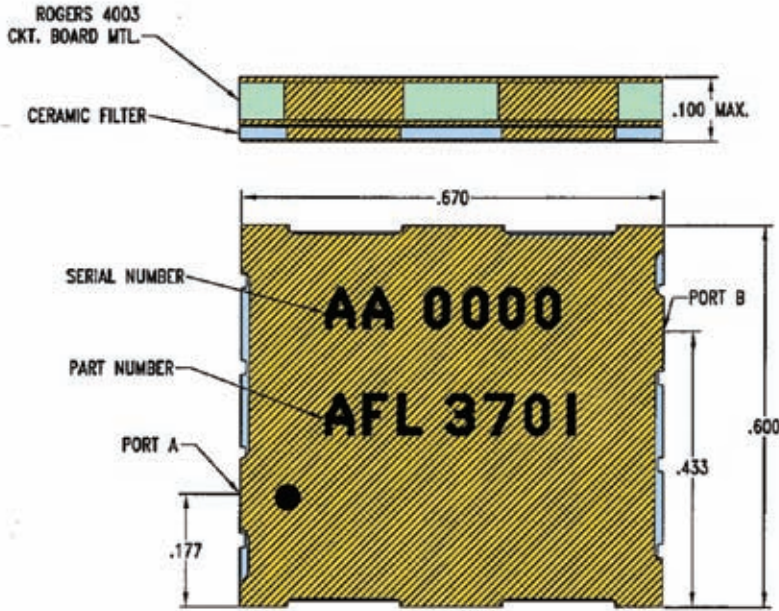
## Electrical Response

1.575 GHz - 18 Samples



# GPS L1 Filter

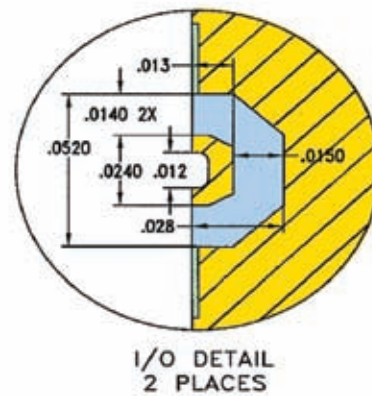
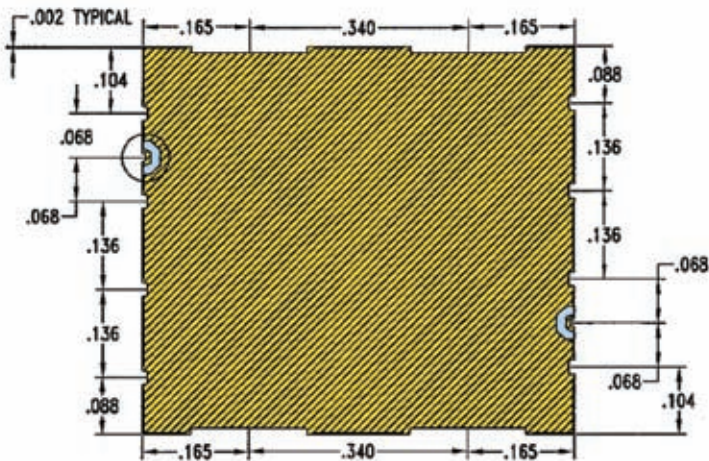
## Mechanical Specifications



Unless otherwise specified dimensions in inches.

Tolerances:  
 3 place decimals  $\pm 0.004$   
 4 place decimals  $\pm 0.004$

- Notes:
1. External metallization has nickel/gold finish except cover via edge are unplated copper.
  2. Maximum assembly process temperature: 220°C.



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