



# GPS L2 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.

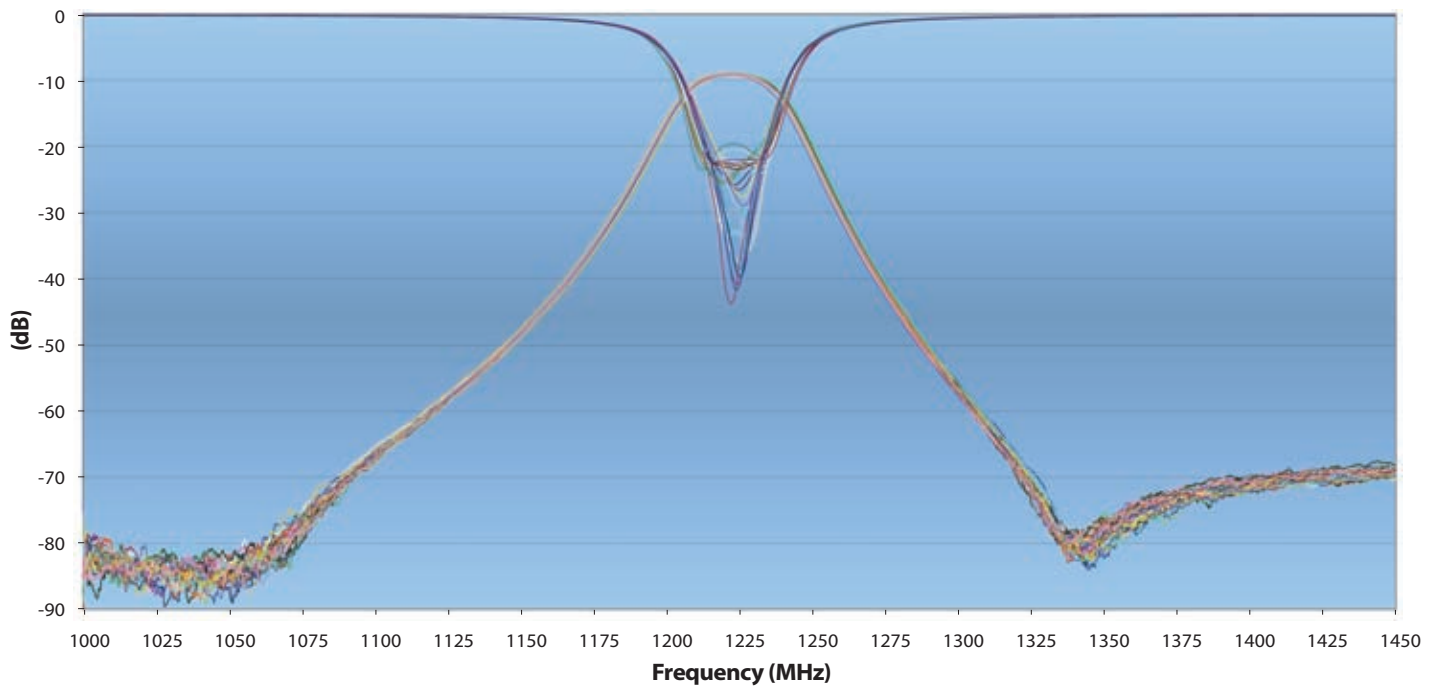


## Electrical Specifications

Center Frequencies	1227 MHz
1dB Passband	1220 MHz - 1234 MHz
Insertion Loss	11dB @ Fc
Attenuation	40dB at 1150 MHz
Attenuation	40dB at 1290 MHz
Passband Return Loss	12dB

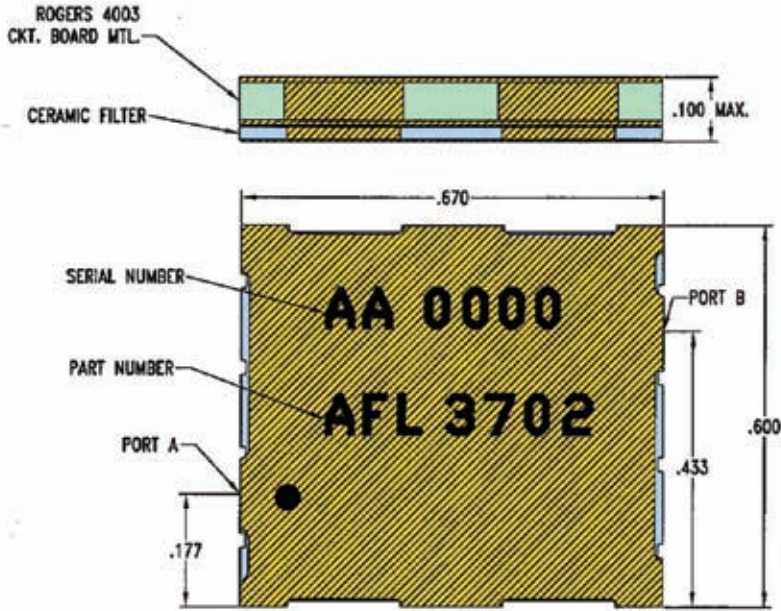
## Electrical Response

1.227 GHz - 13 Samples



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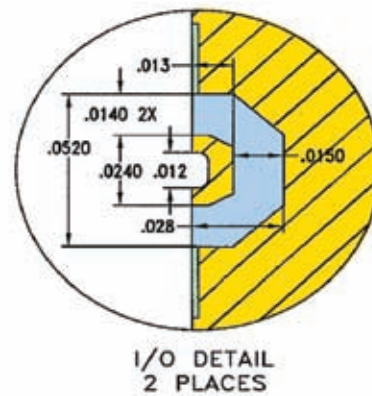
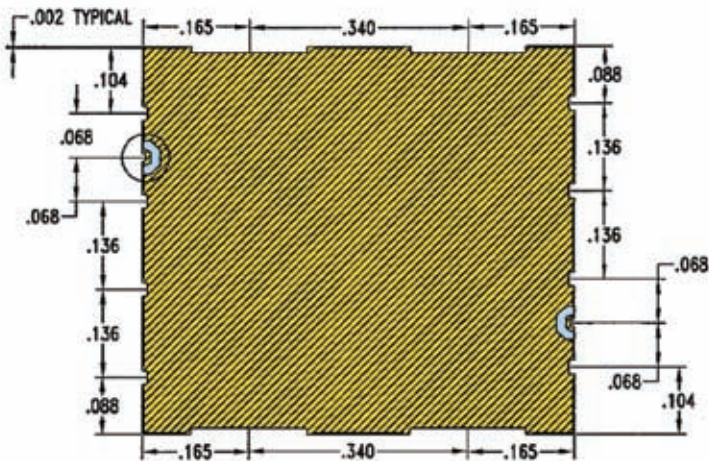
## Mechanical Specifications



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.



www.dilabs.com

### Dielectric Laboratories, Inc.

2777 Route 20 East, Cazenovia, NY 13035 USA

Phone: (315) 655-8710

Fax: (315) 655-0445

Email: sales@dilabs.com



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