

# SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: DIELECTRIC CERAMIC FILTER  
PART NUMBER:CFM-06500016

Prepared By:ds

Revised By:

ISSUED	CHECKED	CHECKED	CHECKED	APPROVED

**FILTRONETICS Inc**

**1. APPLICATION**

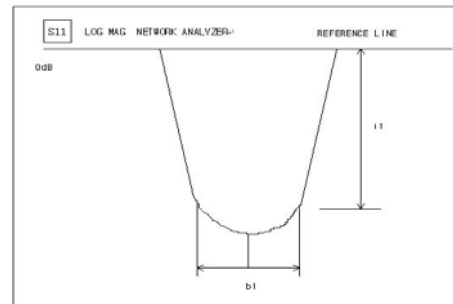
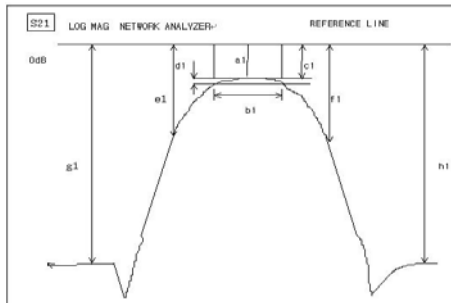
THIS SPECIFICATION APPLIES TO BAND PASS FILTER USING DIELECTRIC RESONATORS.

**2. PART NUMBER**

PART NO	CFM-06500016
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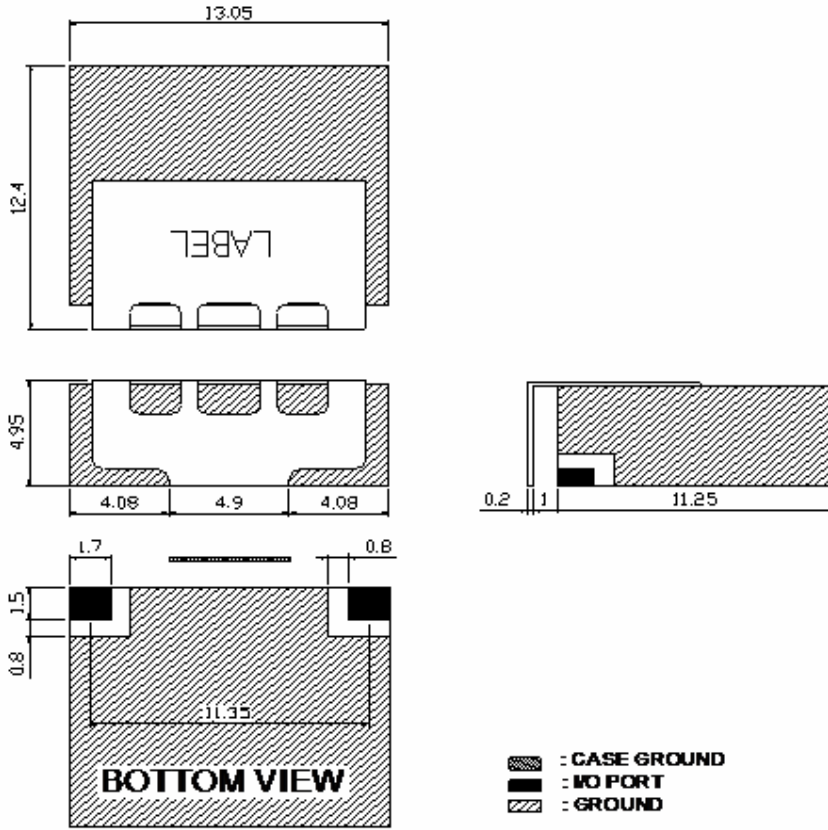
**3. SPECIFICATIONS**

NO	Parameter		Typ.	Spec.
1	Center Frequency (Fo)	a1	650 MHz	
2	Pass Bandwidth (BW)	-	1.2 MHz (649.4 ~ 650.6MHz)	
3	Insertion Loss in BW	-	-	7.5 dB Max.
4	Ripple in BW	-	0.8 dB	1.0 dB Max.
5	Return Loss in BW	-	17 dB	15.0 dB Min.
6	Attenuation [Absolute Value]	At 642.5 MHz	-	40.0 dB Min.
		At 657.5 MHz	-	40.0 dB Min.
7	Impedance	-	50 Ohm	
8	Input Power	-	3 W Max.	
9	Operating Temperature	-	-20 to +70°C	



5. DIMENSIONS

UNIT: MM  
TOLERANCE: ±0.3MM



- MATERIAL SPECIFICATION
- 1. METAL CASE
  - : Sn
- 2. RESONATOR
  - 1) COATING MATERIAL: Ag
  - 3. RoHS Compliant

✕ MARKING (Laser)