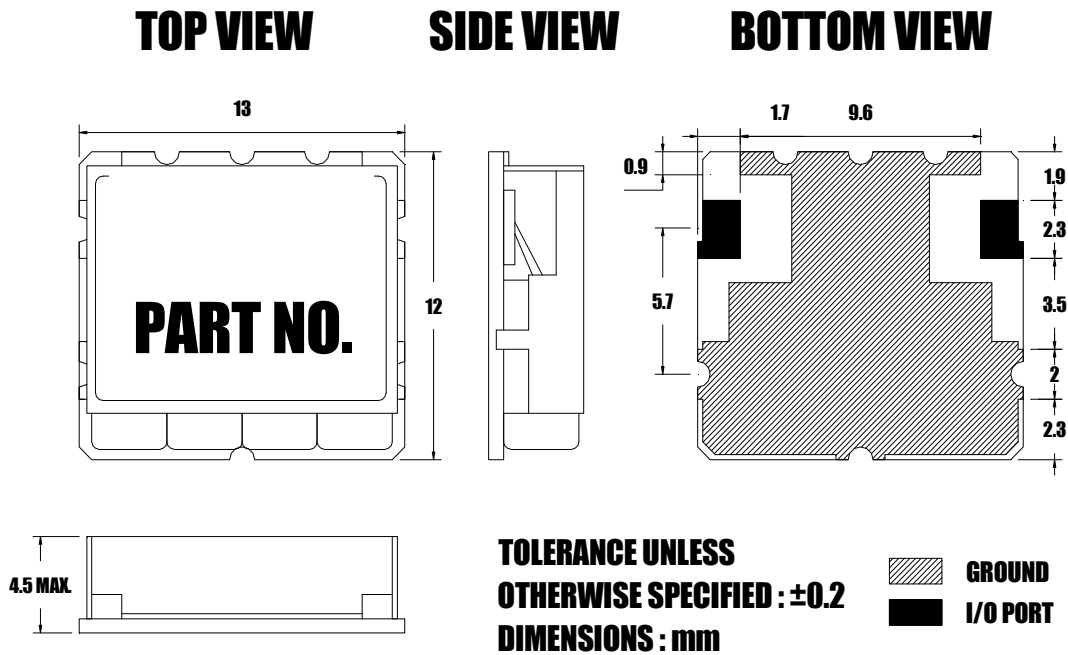


Ceramic Bandpass Filter IFD08823

Features

- Ceramic bandpass filter
- 50Ω single-ended operation
- Surface Mounted Module Package (13mm × 12mm × 4.5mm)

Package Dimensions



Maximum Ratings

Parameter	Unit	Minimum	Typical	Maximum
Operating Temperature Range	℃	-40	25	85
Storage Temperature Range	℃	-40	25	85
Power Handling Capability	Watt	-	-	3

Electrostatics Sensitive Device (ESD)

	ITF Co., Ltd. 102-901, Bucheon Technopark 364, Samjeong-Dong, Ojeong-Gu, Bucheon-City, Gyeonggi-Do, Korea 421-809	Part No.	IFD08823	
		Rev. Date	2014-08-28	
		Rev.	AS 01	1/4

Ceramic Bandpass Filter IFD08823


Specifications

Fo = 881MHz

	Minimum	Typical	Maximum	Unit
Center Frequency (Fo)	-	881	-	MHz
Insertion Loss (868.5 ~ 893.5MHz)	-	2.5	3.0	dB
Amplitude Ripple (868.5 ~ 893.5MHz)	-	0.3	0.5	dB
VSWR (868.5 ~ 893.5MHz)	-	1.2	1.4	-
Relative Attenuation				
@ 470 MHz	40.0	45.0	-	dB
824 ~ 849 MHz	12.0	15.0	-	
@ 691.5 MHz	40.0	45.0	-	
@ 951.5 MHz	40.0	45.0	-	
@ 1121.5 MHz	40.0	45.0	-	
1920 ~ 2150 MHz	40.0	45.0	-	
Input/Output Impedance		50		Ohm

Notes :

- 1) All specifications are based on the matching schematic shown below, measured by Agilent Network analyzer and full 2 port calibration.
- 2) Electrical margin has been built into the design to account for the variations due to temperature drift and manufacturing tolerances
- 3) All attenuation measurements are measured relative to insertion loss

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		Rev. Date	2014-08-28	
		Rev.	AS 01	2/4

Ceramic Bandpass Filter IFD08823

Matching Schematic

(Actual matching values may vary due to PCB layout and parasitics)




Marking Configuration

Part No. ¹⁾

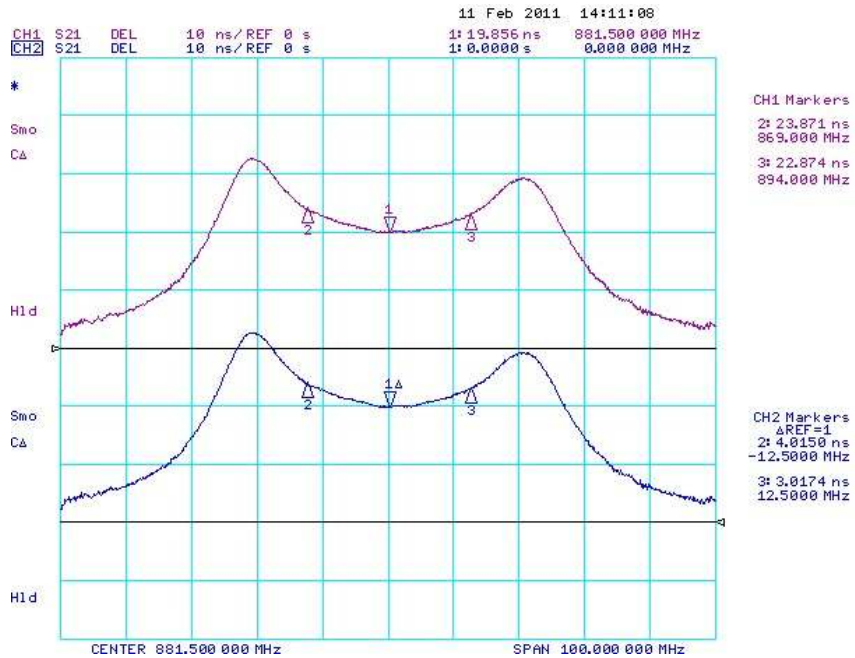
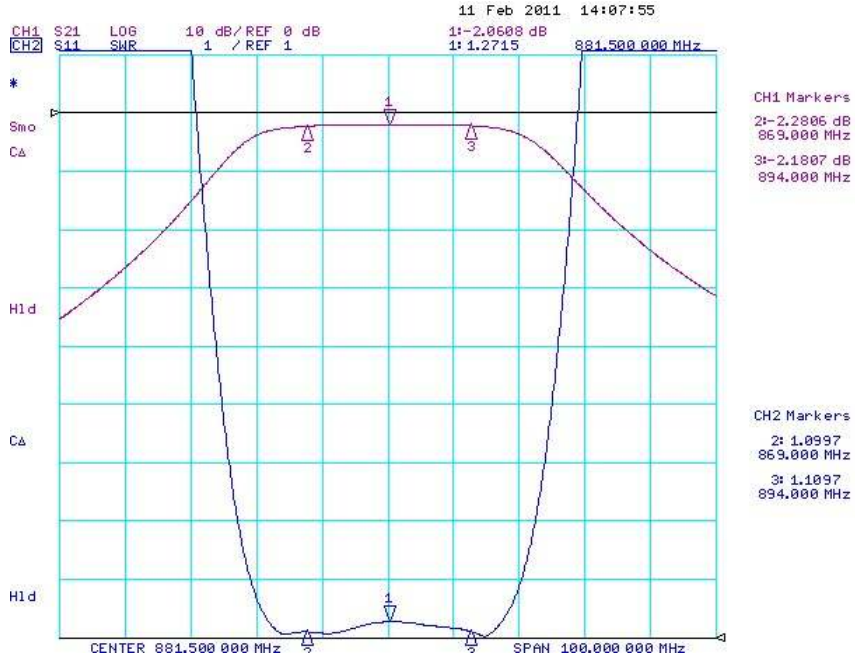
1) Part Number


* Ink or Laser Marking available

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		Rev. Date	2014-08-28	
		Rev.	AS 01	3/4

Ceramic Bandpass Filter IFD08823

Typical Performance (at 25 °C)



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		Rev.	AS 01	4/4