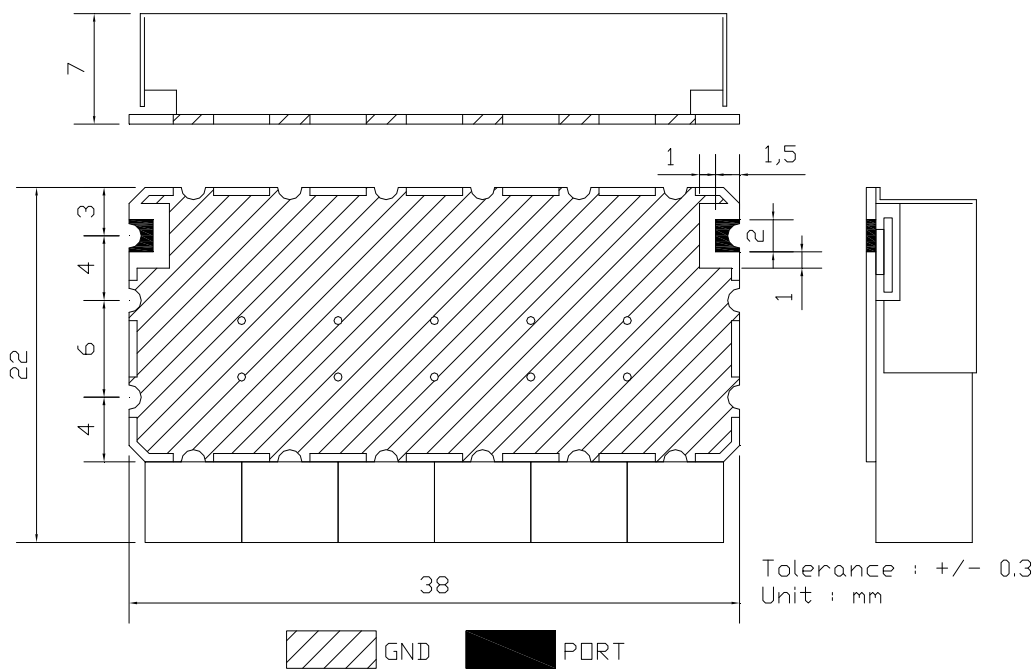


# Ceramic Bandpass Filter IFD08332

## Features

- Ceramic bandpass filter
- 50Ω single-ended operation
- Surface Mounted Module Package ( 38mm × 22mm × 7mm )


## 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)

	<b>ITF Co., Ltd.</b> 102-901, Bucheon Technopark 364, Samjeong-Dong, Ojeong-Gu, Bucheon-City, Gyeonggi-Do, Korea 421-809	Part No.	IFD08332	
		Rev. Date	2014-08-29	
		Rev.	AS 01	1/4

# Ceramic Bandpass Filter IFD08332


## Specifications

Fo = 836.5MHz

	Minimum	Typical	Maximum	Unit
Center Frequency ( Fo )	-	836.5	-	MHz
Insertion Loss (824~ 849MHz)	-	2.7	3.0	dB
Amplitude Ripple (824~ 849MHz)	-	0.3	0.5	dB
VSWR (824~ 849MHz)	-	1.3	1.5	-
Relative Attenuation @ 766.5 MHz @ 869 MHz 1950 ~ 2140 MHz	65.0 40.0 65.0	68.0 45.0 68.0	- - -	dB
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.	AS 01	2/4


# Ceramic Bandpass Filter IFD08332

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## Matching Schematic

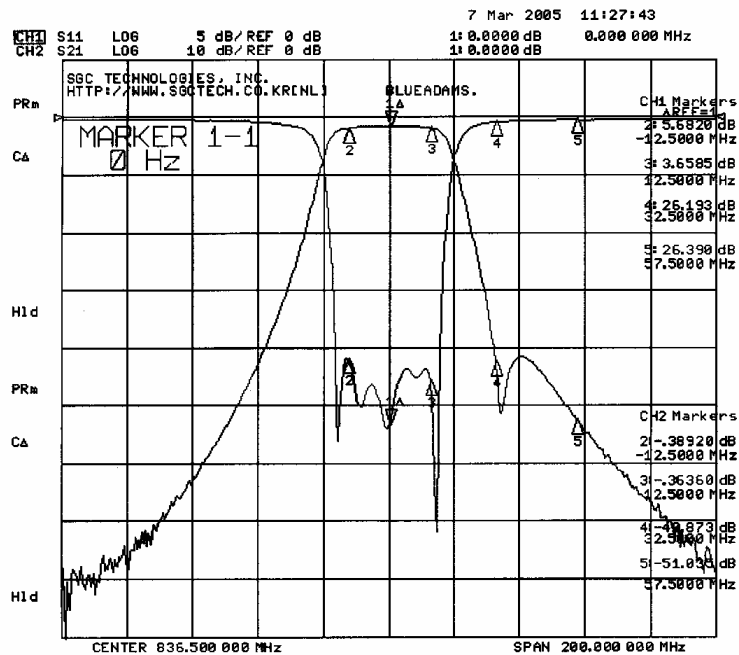
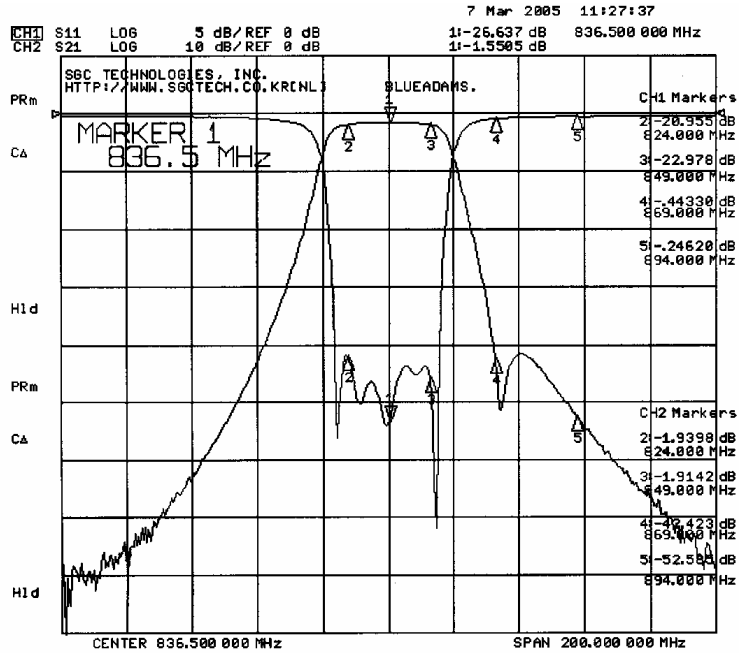
( Actual matching values may vary due to PCB layout and parasitics )




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# Ceramic Bandpass Filter IFD08332

Typical Performance ( at 25 °C )



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