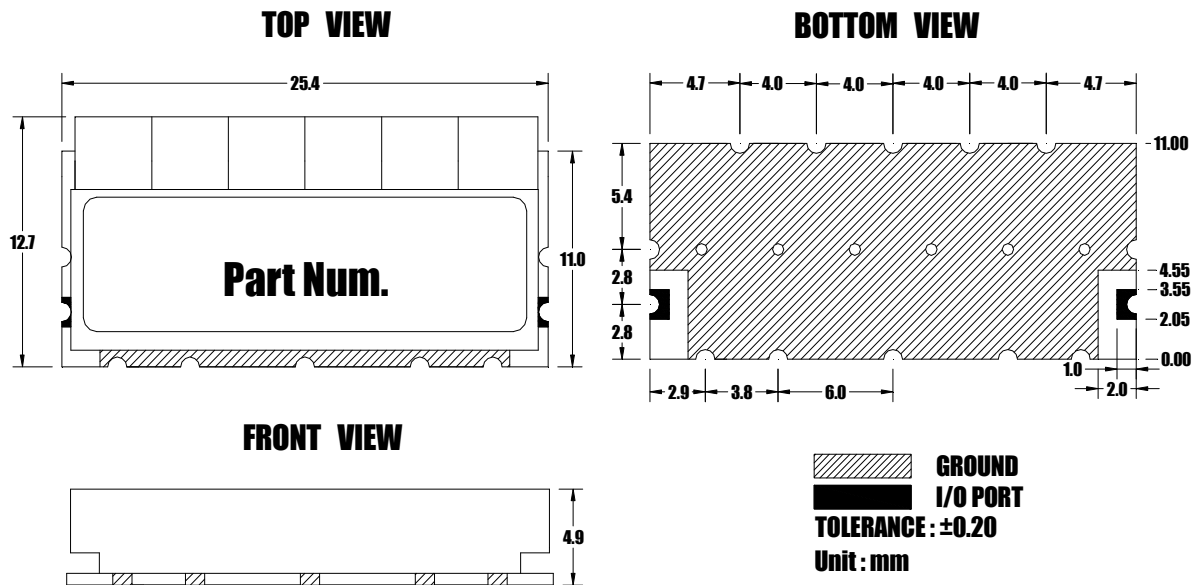


Ceramic Bandpass Filter IFD34631

Features

- Ceramic bandpass filter
- 50Ω single-ended operation
- Surface Mounted Module Package (25.4mm × 11mm × 4.9mm)


Package Dimensions



Maximum Ratings

Parameter	Unit	Minimum	Typical	Maximum
Operating Temperature Range	℃	-30	25	70
Storage Temperature Range	℃	-40	25	85
Power Handling Capability	Watt	-	-	2

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.	IFD34631	
		Rev. Date	2014-08-29	
		Rev.	AS 01	1/4

Ceramic Bandpass Filter IFD34631


Specifications

F_o = 3468MHz

	Minimum	Typical	Maximum	Unit
Center Frequency (F _o)	-	3468	-	MHz
Insertion Loss (3457~ 3479MHz)	-	3.2	3.5	dB
Amplitude Ripple (3457~ 3479MHz)	-	0.3	0.5	dB
Return Loss (3457~ 3479MHz)	15	20	-	dB
Relative Attenuation @ 3407 MHz @ 3529 MHz	20.0 20.0	25.0 25.0	- -	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 IFD34631

Matching Schematic

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




Marking Configuration

Part Num. ¹⁾

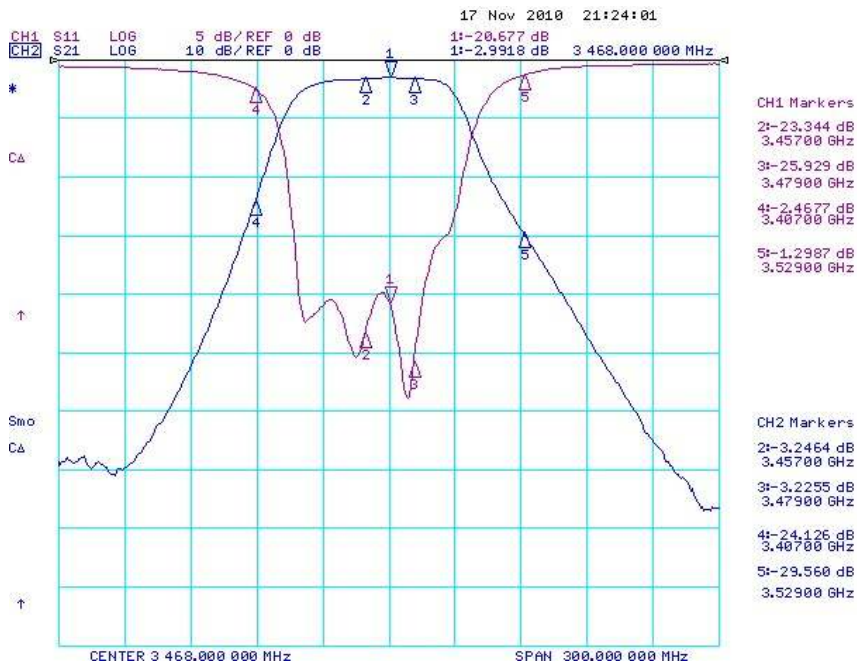
1) Part Number


* Ink or Laser Marking available

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		Rev. Date	2014-08-29	
		Rev.	AS 01	3/4

Ceramic Bandpass Filter IFD34631

Typical Performance (at 25 °C)



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		Rev. Date	2014-08-29	
		Rev.	AS 01	4/4