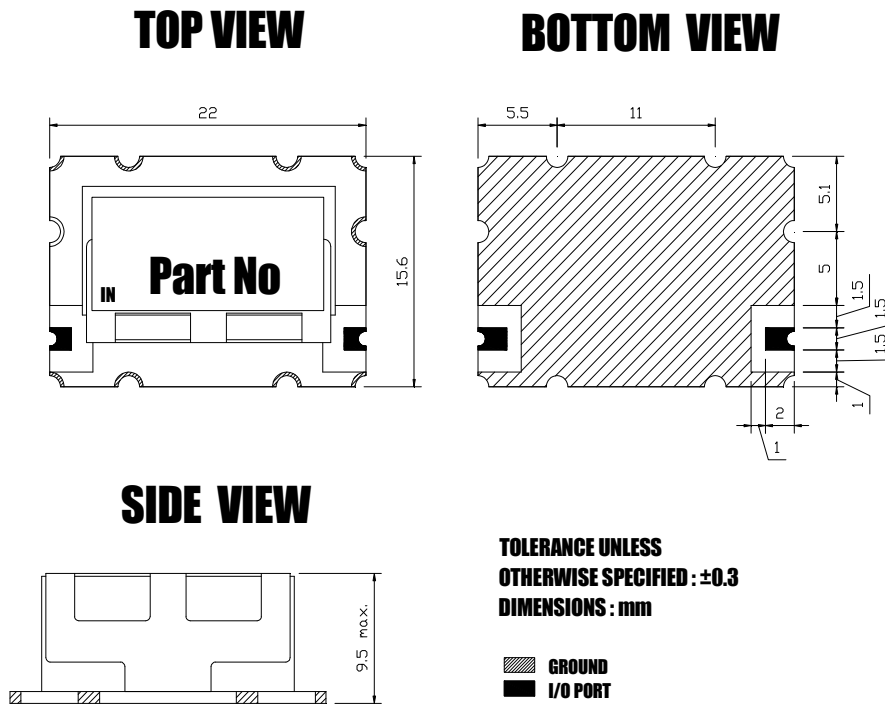


Ceramic Bandpass Filter IFD18359

Features

- Ceramic bandpass filter
- 50Ω single-ended operation
- Surface Mounted Module Package (22mm × 15.6mm × 9.5mm)


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)

 Integrated Technology Future	ITF Co., Ltd. 102-901, Bucheon Technopark 364, Samjeong-Dong, Ojeong-Gu, Bucheon-City, Gyeonggi-Do, Korea 421-809	Part No.	IFD18359	
		Rev. Date	2014-09-04	
		Rev.	AS 01	1/4

Ceramic Bandpass Filter IFD18359


Specifications

F_o = 1832.5MHz

	Minimum	Typical	Maximum	Unit
Center Frequency (F _o)	-	1832.5	-	MHz
Insertion Loss (1805 ~ 1860MHz)	-	1.3	1.5	dB
Amplitude Ripple (1805 ~ 1860MHz)	-	0.4	0.6	dB
Return Loss (1805 ~ 1860MHz)	17	20	-	dB
Relative Attenuation 1710 ~ 1765 MHz 1930 ~ 1960 MHz	28.0 28.0	32.0 32.0	- -	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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Matching Schematic

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




Marking Configuration

Part No ¹⁾

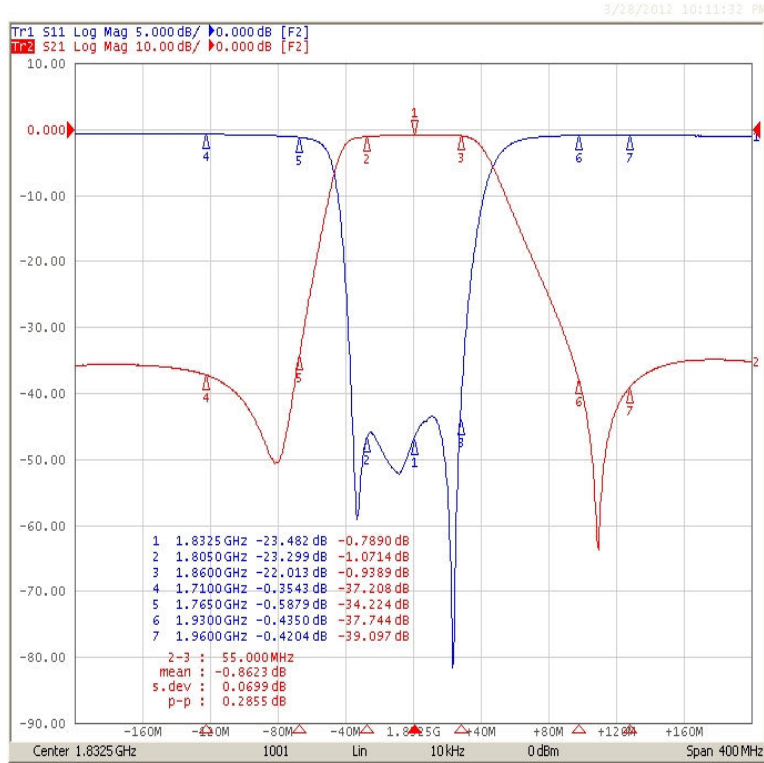
1) Part Number


* Ink or Laser Marking available

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Typical Performance (at 25 °C)



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