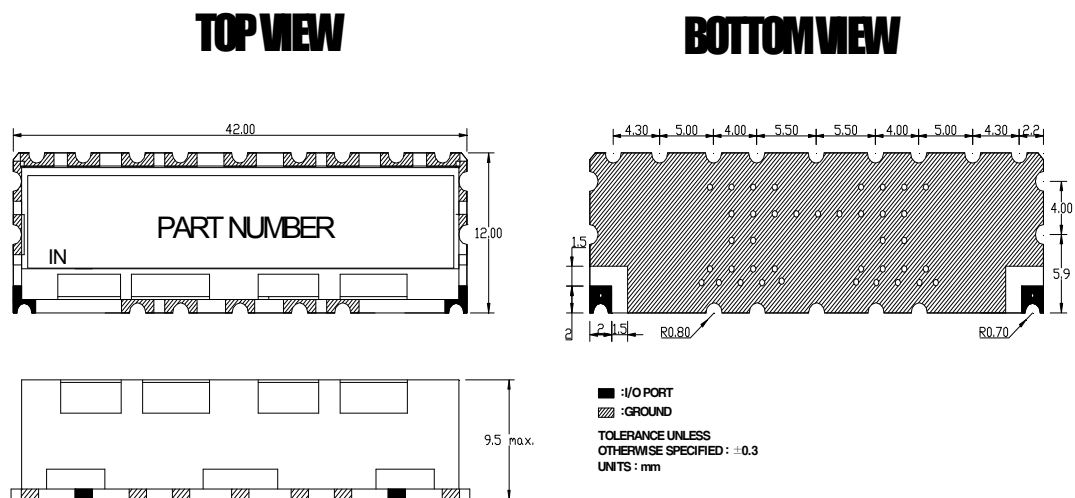


Ceramic Bandpass Filter IFD18864

Features

- Ceramic bandpass filter
- 50Ω single-ended operation
- Surface Mounted Module Package (42mm × 12mm × 9.5mm)


Package Dimensions



Maximum Ratings

Parameter	Unit	Minimum	Typical	Maximum
Operating Temperature Range	℃	-35	25	75
Storage Temperature Range	℃	-40	25	85
Power Handling Capability	Watt	-	-	3

Electrostatics Sensitive Device (ESD)

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		Rev. Date	2014-09-04	
		Rev.	AS 01	1/4

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Specifications

F_o = 1880MHz

	Minimum	Typical	Maximum	Unit
Center Frequency (F _o)	-	1880	-	MHz
Insertion Loss (1850 ~ 1910MHz)	-	4.8	5.2	dB
Amplitude Ripple (1850 ~ 1910MHz)	-	3.0	3.3	dB
Return Loss (1850 ~ 1910MHz)	15	18	-	dB
Relative Attenuation @ 1920 MHz 1930 MHz ~ 1990 MHz	30.0 50.0	35.0 55.0	- -	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 Number ¹⁾

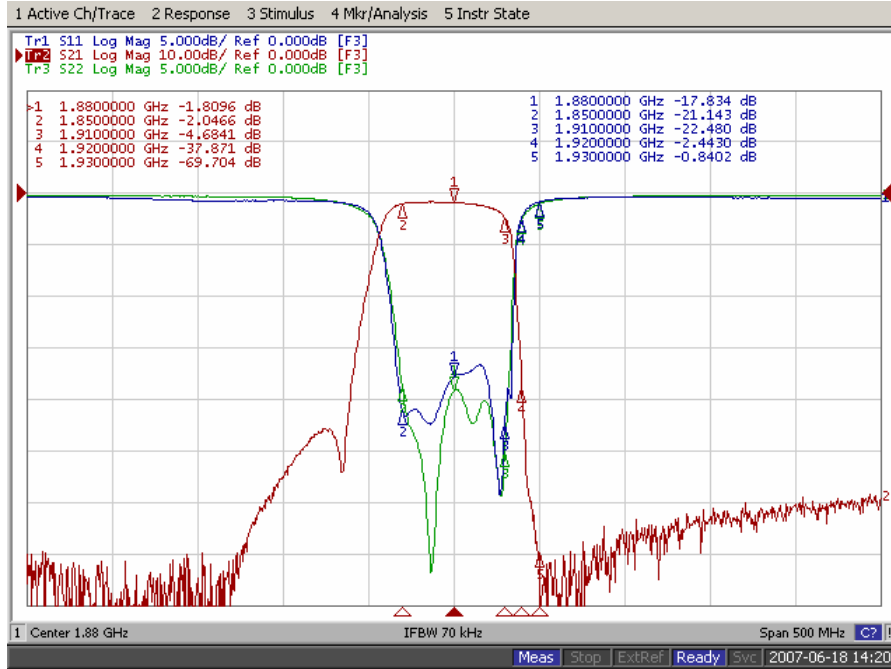
1) Part Number


* Ink or Laser Marking available

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Typical Performance (at 25 °C)



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