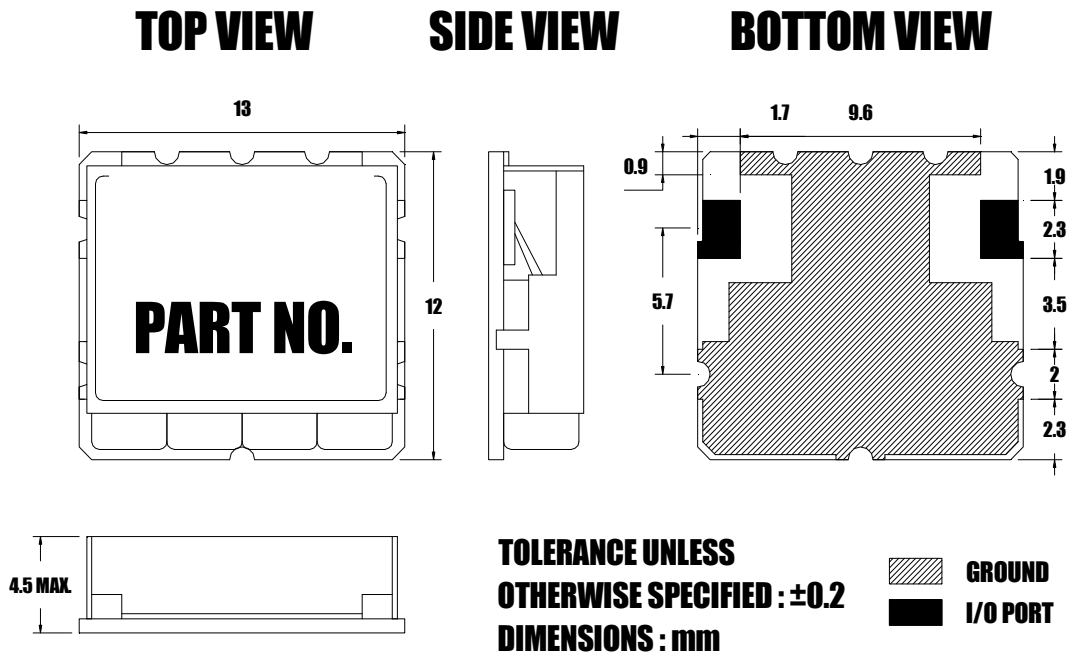


# Ceramic Bandpass Filter IFD19524

## 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)

	<b>ITF Co., Ltd.</b> 102-901, Bucheon Technopark 364, Samjeong-Dong, Ojeong-Gu, Bucheon-City, Gyeonggi-Do, Korea 421-809	Part No.	IFD19524	
		Rev. Date	2014-08-28	
		Rev.	AS 01	1/4

# Ceramic Bandpass Filter IFD19524


## Specifications

Fo = 1950MHz

	Minimum	Typical	Maximum	Unit
Center Frequency ( Fo )	-	1950	-	MHz
Insertion Loss (1920 ~ 1980MHz)	-	2.0	2.5	dB
Amplitude Ripple (1920 ~ 1980MHz)	-	1.3	1.5	dB
VSWR (1920 ~ 1980MHz)	-	1.2	1.4	-
Relative Attenuation 2110 ~ 2170 MHz	40.0	45.0	-	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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# Ceramic Bandpass Filter IFD19524

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## Matching Schematic

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




## Marking Configuration

Part No. <sup>1)</sup>

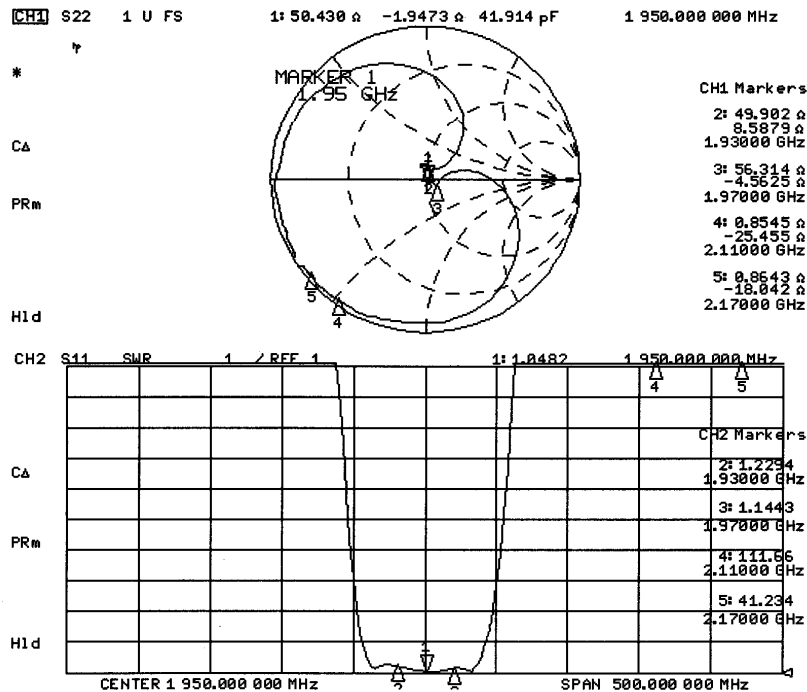
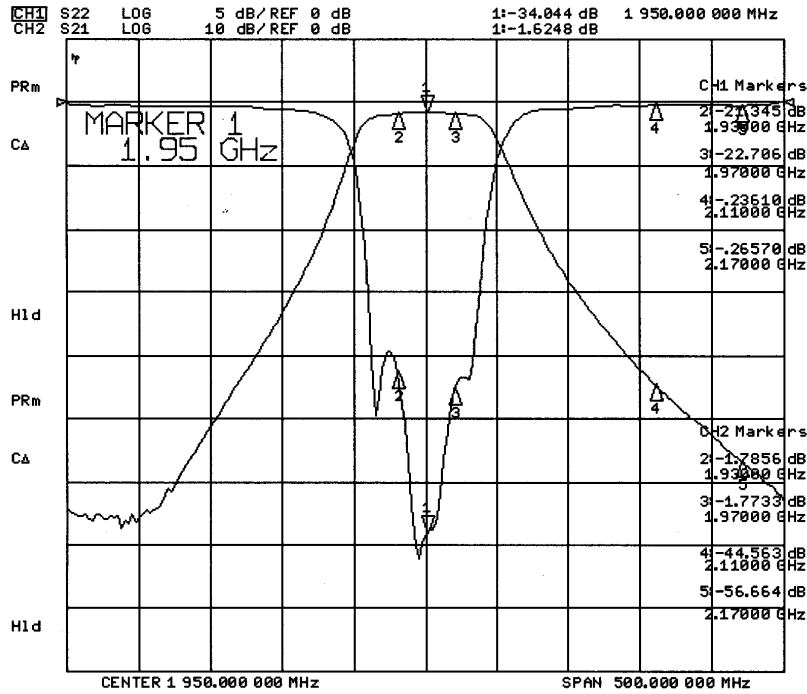
1) Part Number

\* Ink or Laser Marking available

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# Ceramic Bandpass Filter IFD19524

Typical Performance ( at 25°C )



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