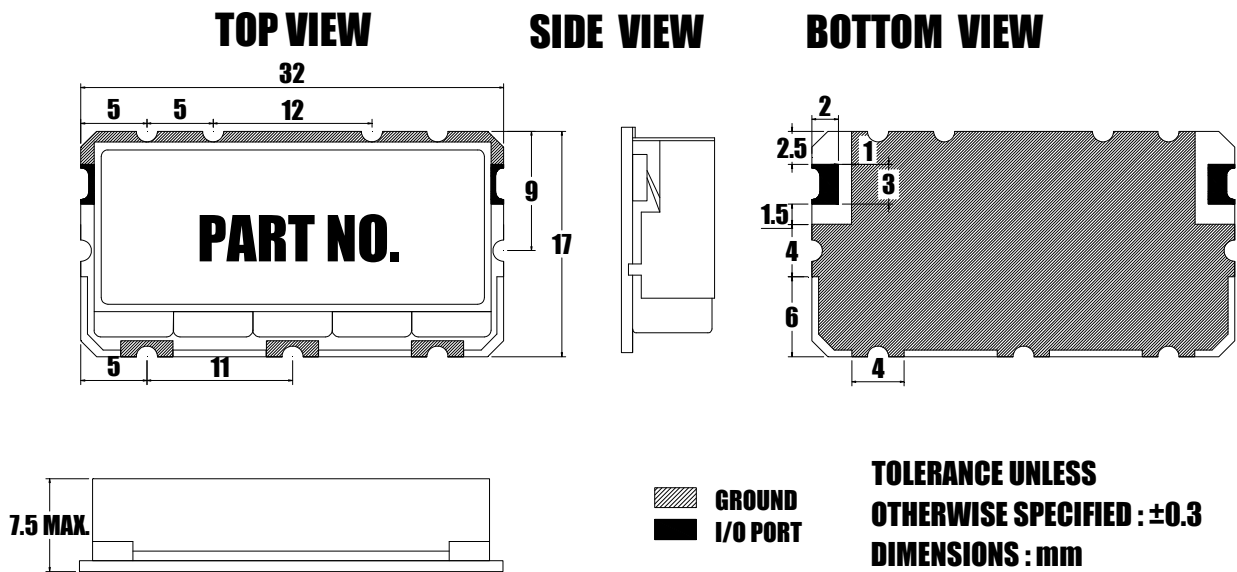


Ceramic Bandpass Filter IFD17928

Features

- Ceramic bandpass filter
- 50Ω single-ended operation
- Surface Mounted Module Package (32mm × 17mm × 7.5mm)


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	-	-	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.	IFD17928	
		Rev. Date	2014-08-28	
		Rev.	AS 01	1/4

Ceramic Bandpass Filter IFD17928


Specifications

F_o = 1790MHz

	Minimum	Typical	Maximum	Unit
Center Frequency (F _o)	-	1790	-	MHz
Insertion Loss (1702.5 ~ 1877.5MHz)	-	1.8	2.0	dB
Amplitude Ripple (1702.5 ~ 1877.5MHz)	-	0.3	0.5	dB
Return Loss (1702.5 ~ 1877.5MHz)	15	20	-	dB
Relative Attenuation				
@ 1550 MHz	35.0	40.0	-	dB
@ 1600 MHz	20.0	25.0	-	
@ 1980 MHz	20.0	25.0	-	
@ 2030 MHz	28.0	32.0	-	
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⁾

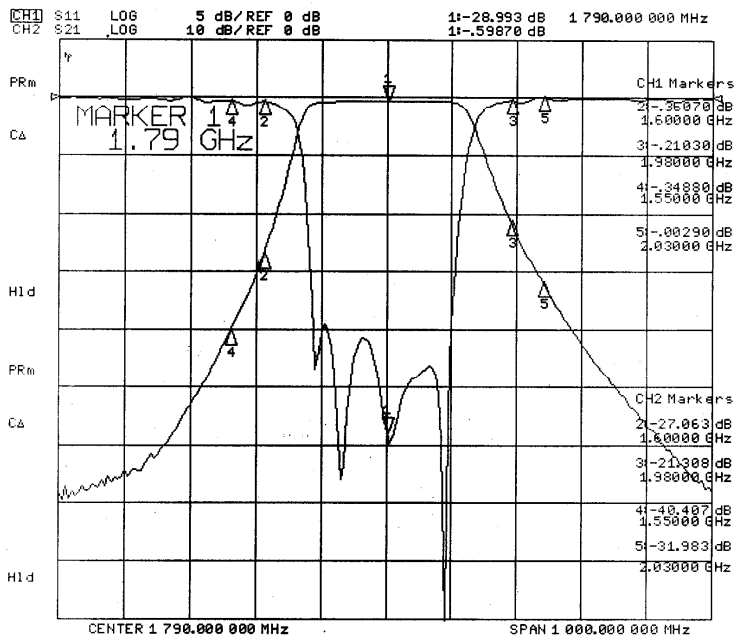
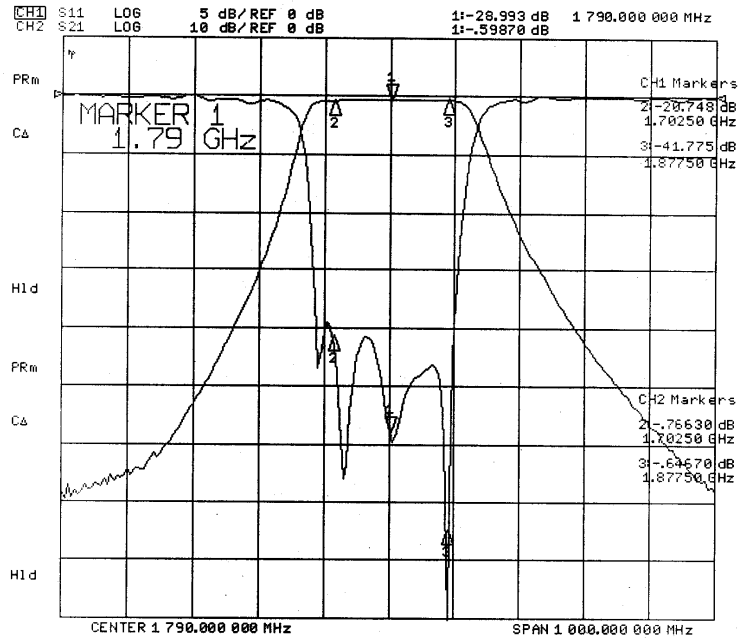
1) Part Number

* Ink or Laser Marking available

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Typical Performance (at 25 °C)



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