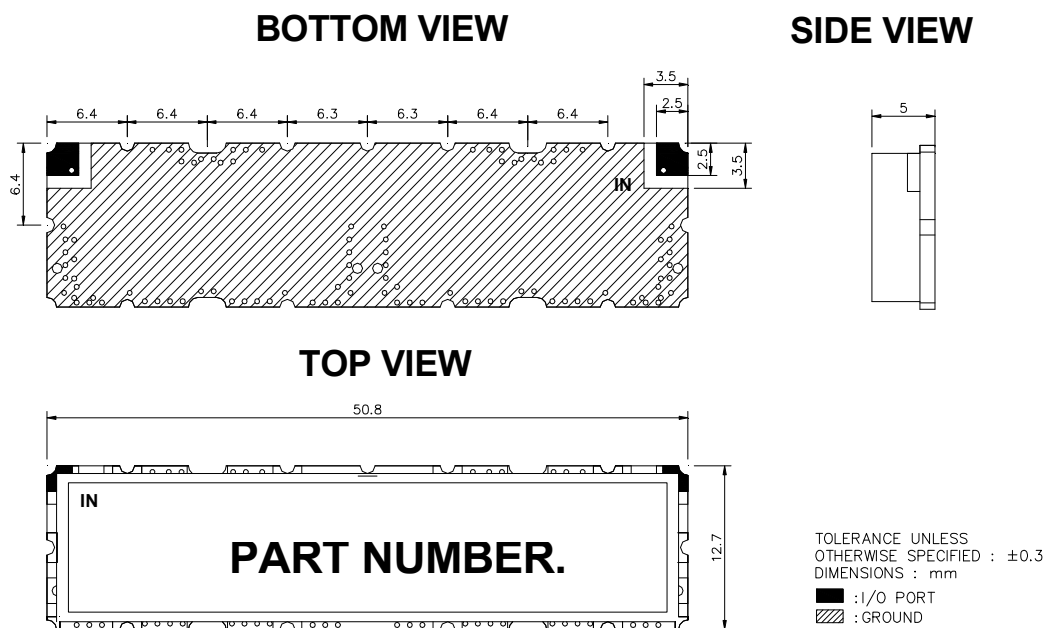


LC Bandpass Filter IFL00736

Features

- LC bandpass filter
- 50Ω single-ended operation
- Surface Mounted Package (50.8mm × 12.7mm × 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)

	ITF Co., Ltd. 102-901, Bucheon Technopark 364, Samjeong-Dong, Ojeong-Gu, Bucheon-City, Gyeonggi-Do, Korea 421-809	Part No.	IFL00736	
		Rev. Date	2014-08-29	
		Rev.	AS 01	1/4

LC Bandpass Filter IFL00736


Specifications

F_o = 76.8 MHz

	Minimum	Typical	Maximum	Unit
Center Frequency (F _o)	-	76.8	-	MHz
Insertion Loss (66.8~86.8MHz)	-	6.7	7.0	dB
Amplitude Ripple (66.8~86.8MHz)	-	1.2	1.5	dB
VSWR (66.8~86.8MHz)	-	1.7	2.0	-
Relative Attenuation				
@ 46.1 MHz	70.0	73.0	-	dB
@ 52 MHz	60.0	63.0	-	
@ 107.5 MHz	60.0	63.0	-	
@ 120 MHz	70.0	73.0	-	
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 Number. ¹⁾

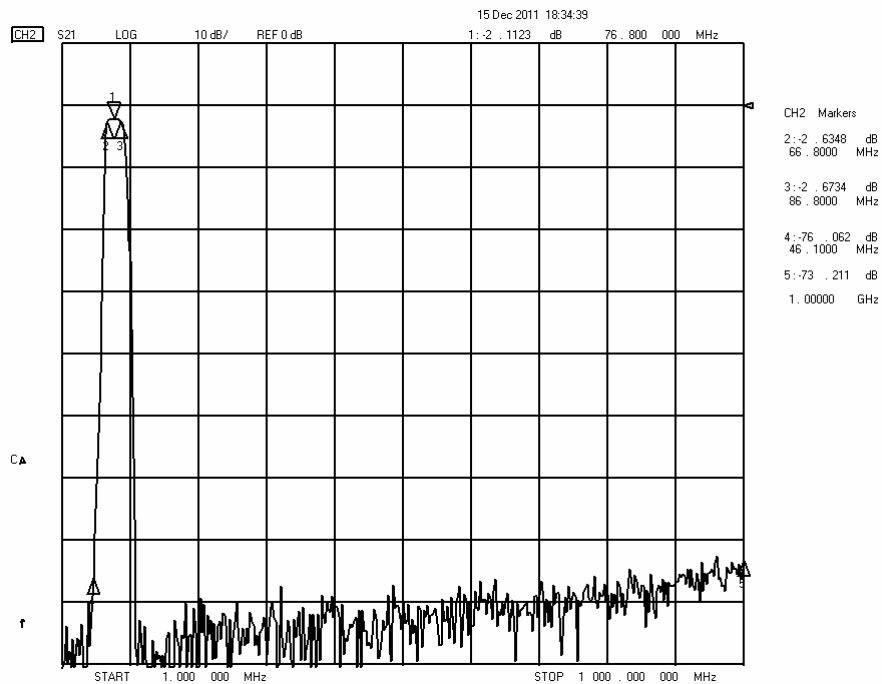
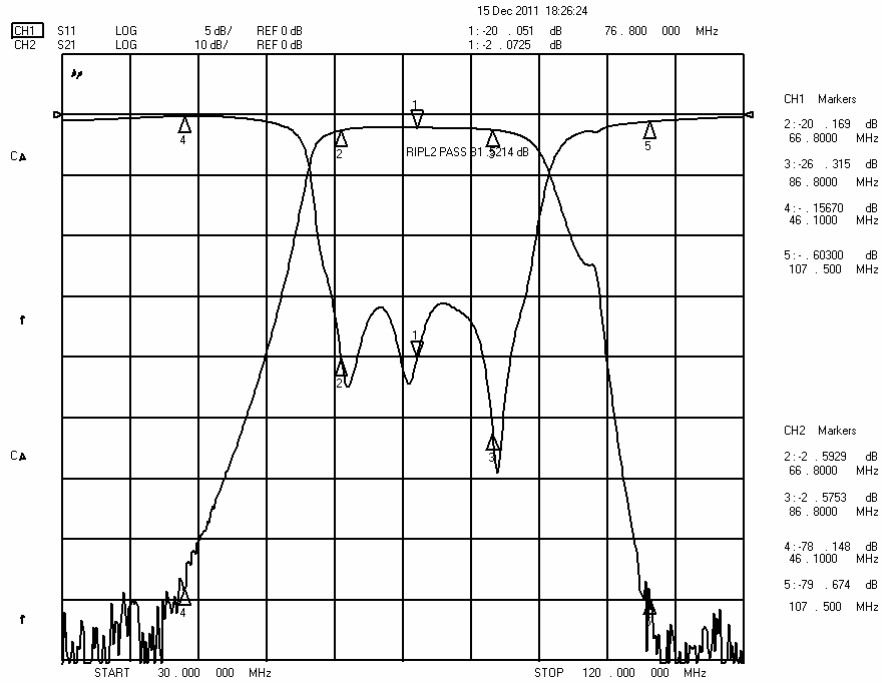
1) Part Number


* Ink or Laser Marking available

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Typical Performance (at 25 °C)



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