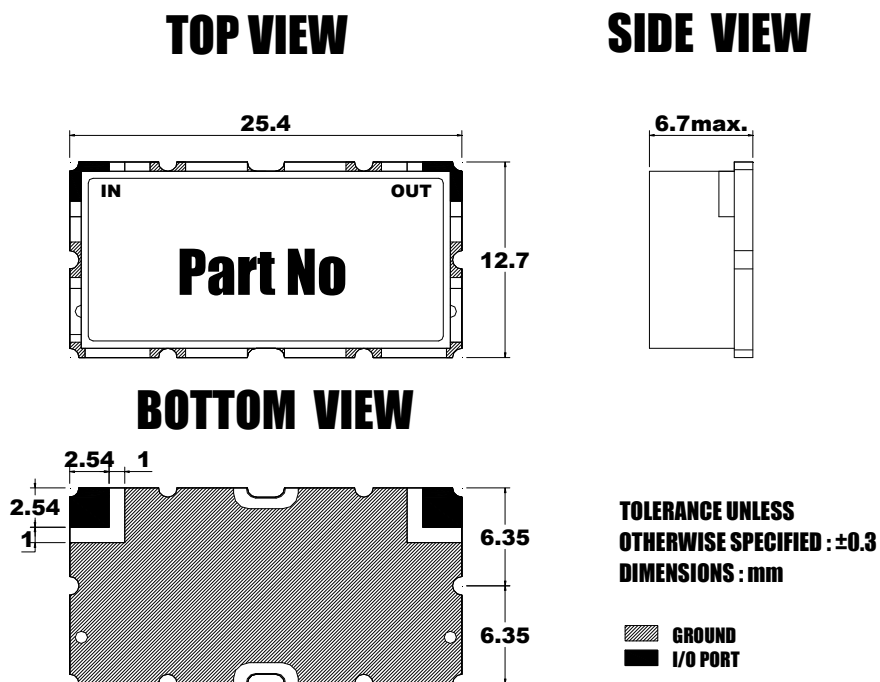


LC Bandpass Filter IFL00637

Features

- LC bandpass filter
- 50Ω single-ended operation
- Surface Mounted Package (25.4mm × 12.7mm × 6.7mm)


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.	IFL00637	
		Rev. Date	2014-08-29	
		Rev.	AS 01	1/4

LC Bandpass Filter IFL00637


Specifications

Fo = 65 MHz

	Minimum	Typical	Maximum	Unit
Center Frequency (Fo)	-	65	-	MHz
Insertion Loss (62.5~ 67.5MHz)	-	6.7	7.0	dB
Amplitude Ripple (62.5~ 67.5MHz)	-	1.2	1.5	dB
VSWR (62.5~ 67.5MHz)	-	1.7	2.0	-
Relative Attenuation @ 15 MHz @ 115 MHz	50.0 50.0	53.0 53.0	- -	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⁾

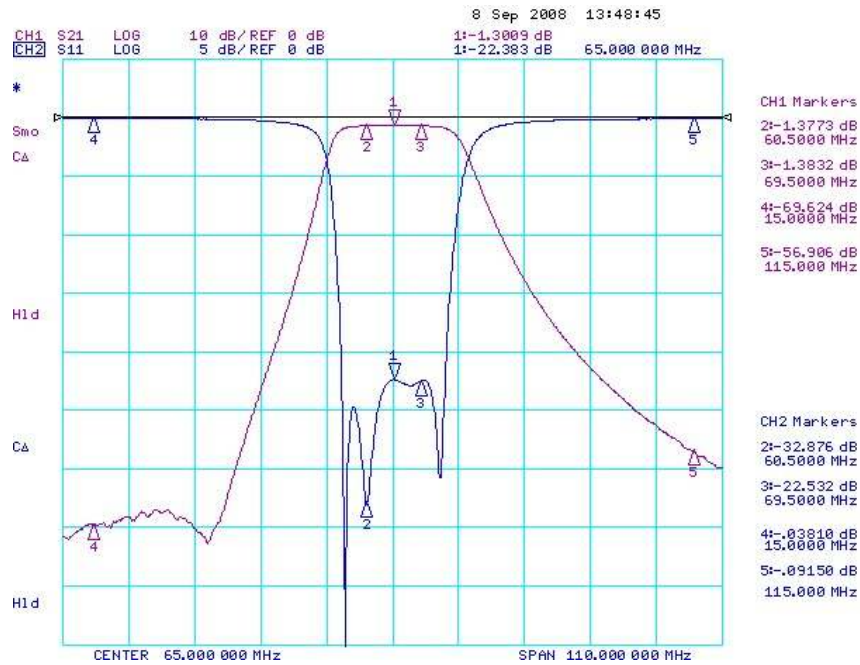
1) Part Number


* Ink or Laser Marking available

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Typical Performance (at 25°C)



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