



# Specification

LC Lowpass Filter

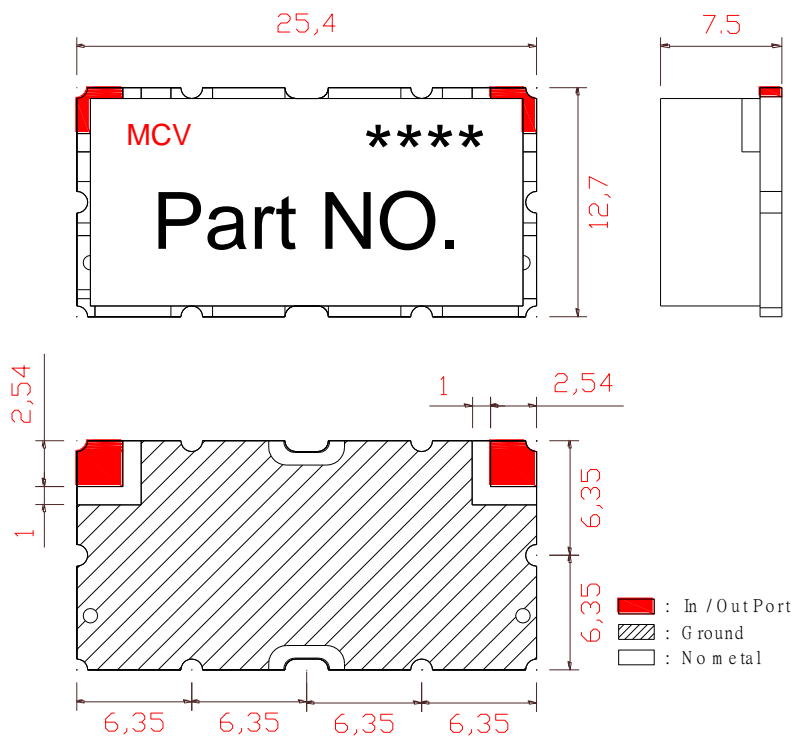
Design	Engineering	Approval
CYK	MHJ	ECL

<b>Customer:</b>	<b>Date:</b> 07-23-12	<b>P/N:</b> LPL576A1
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## Electrical Specifications

No.	Parameter	Unit	Specifications
1	Cut off Frequency	MHz	576
2	Bandwidth	MHz	400 ~ 576
3	Insertion Loss in BW	dB	0.8 max.
4	Return Loss in BW	dB	15.0 min.
5	Attenuation	dB	50 min. @ 800 ~ 1200MHz
			40 min. @ 1200 ~ 4000MHz
6	Input Power	Watt	10 max.
7	IN/OUT Impedance	$\Omega$	50
8	Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +85

## Dimensions [Unit: mm]



### Notes :

- Surface mount package
- Dimensions in millimeters
- Max reflow temperature 230 $^{\circ}\text{C}$  for 10 sec
- If boards are cleaned after installation units must be completely dried
- Tolerance unless specified :  $\pm 0.3$
- \*\*\*\* -> Date code (YYWW)



**Simulation Graph**

