



# Specification

LC Lowpass Filter

Design	Engineering	Approval
CYK	MHJ	ECL

**Customer:**

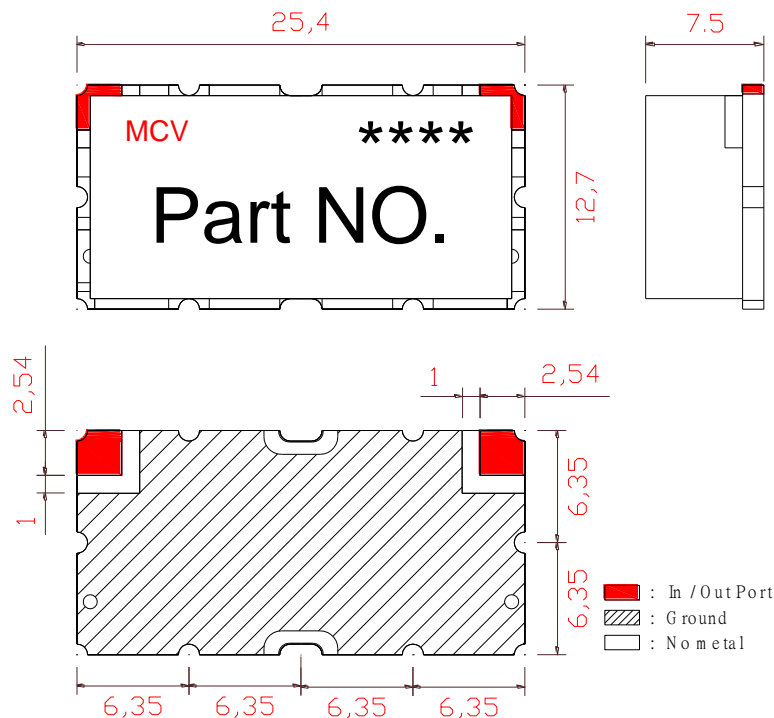
**Date:** 07-24-12

**P/N:** LPL810A1

## Electrical Specifications

No.	Parameter	Unit	Specifications
1	Cut off Frequency	MHz	810
2	Bandwidth	MHz	566 ~ 810
3	Insertion Loss in BW	dB	0.8 max.
4	Return Loss in BW	dB	15.0 min.
5	Attenuation	dB	50 min. @ 1132 ~ 1698MHz
			40 min. @ 1698 ~ 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 :

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



■ Simulation Graph

