

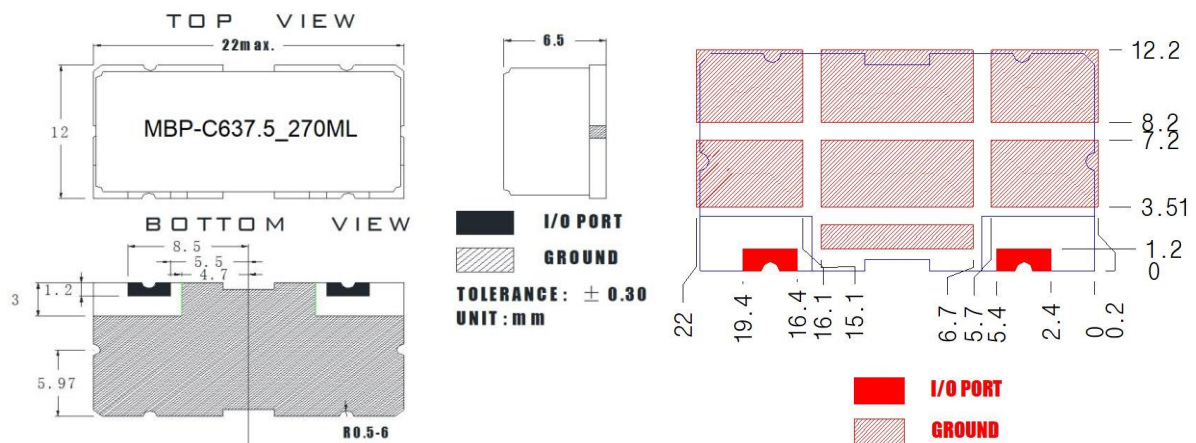
25/Nov/2019

PRODUCT SPECIFICATION FOR INFORMATION

- Product Name : LC Band Pass Filter
- Part No : MBP-C637.5_270ML

PRELIMINARY SPECIFICATION

Mechanical Drawing



* Remarks: Recommend to use silver-containing solder paste.

Electrical Specification

Item	Specification	Remark
1. Center Frequency	637.5MHz	
2. Bandwidth	$F_c \pm 135\text{MHz}$	
3. Insertion Loss @ F_c	1.5dB Max.	
4. Ripple in BW	1.0dB Max.	
4. Return Loss BW	10dB Min.	
5. Attenuation @ DC ~ 300 MHz	40dB Min.	
6. Attenuation @ 400 MHz	20dB Min.	
7. Attenuation @ 900MHz	20dB Min.	
8. Attenuation @ 1200 ~ 2400 MHz	40dB Min.	
9. In/Out Impedance	50 Ω	
10. Operating Temperature Range	-40 $^{\circ}\text{C}$ ~ +85 $^{\circ}\text{C}$	

* Remarks: Preliminary datasheet is just for reference. Final datasheet is subject to the performance of samples.

Simulation Data

