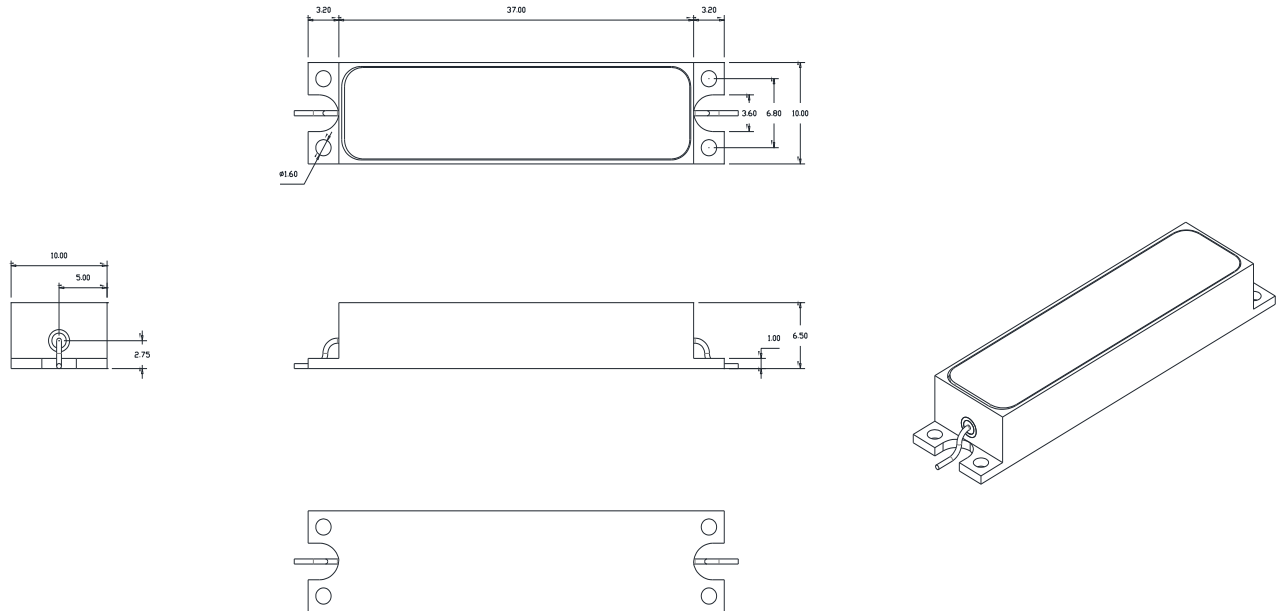


24/MAY/2016

## PRODUCT SPECIFICATION FOR INFORMATION

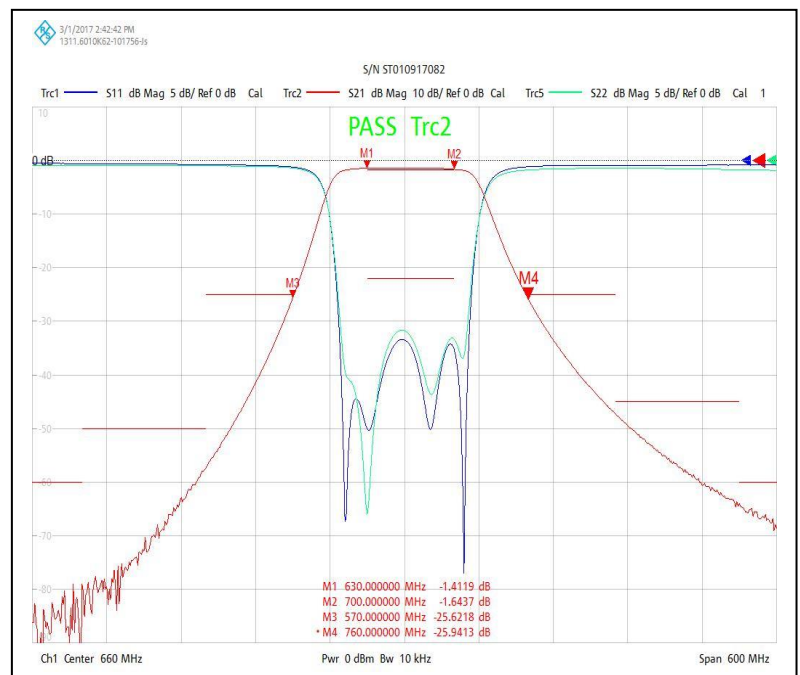
- Product Name : LC BAND PASS FILTER
- Part No : MLB-672BP72M-A



[ Mechanical 2D Drawing ]

### ■ Electrical Specification

1. Center Frequency : 665MHz
2. Bandwidth : 70MHz
3. Insertion Loss : 1.5dB Typ. 1.8dB Max.
4. Passband Ripple : 0.6dB
5. Return Loss : 10dB Min.
6. Attenuation : 60dB Min. @ DC ~ 400MHz  
50dB Min. @ 400 ~ 500MHz  
25dB Min. @ 500 ~ 570MHz  
25dB Min. @ 760 ~ 830MHz  
45dB Min. @ 830 ~ 930MHz  
60dB Min. @ 930 ~ 5300MHz  
40dB Min. @ 5300 ~ 8500MHz
7. Harmonics : 40dB Min @ up to 8.5GHz
8. In-band Group Delay : 25.0nS Max.
9. Input Power in band : 4W CW Max.
10. Input Power out of band : 1W CW Max.
11. Impedance : 50Ω
12. Finish : Silver plating
13. Operating Temperature : -25°C ~ +71°C



[ PLOT DATA ]

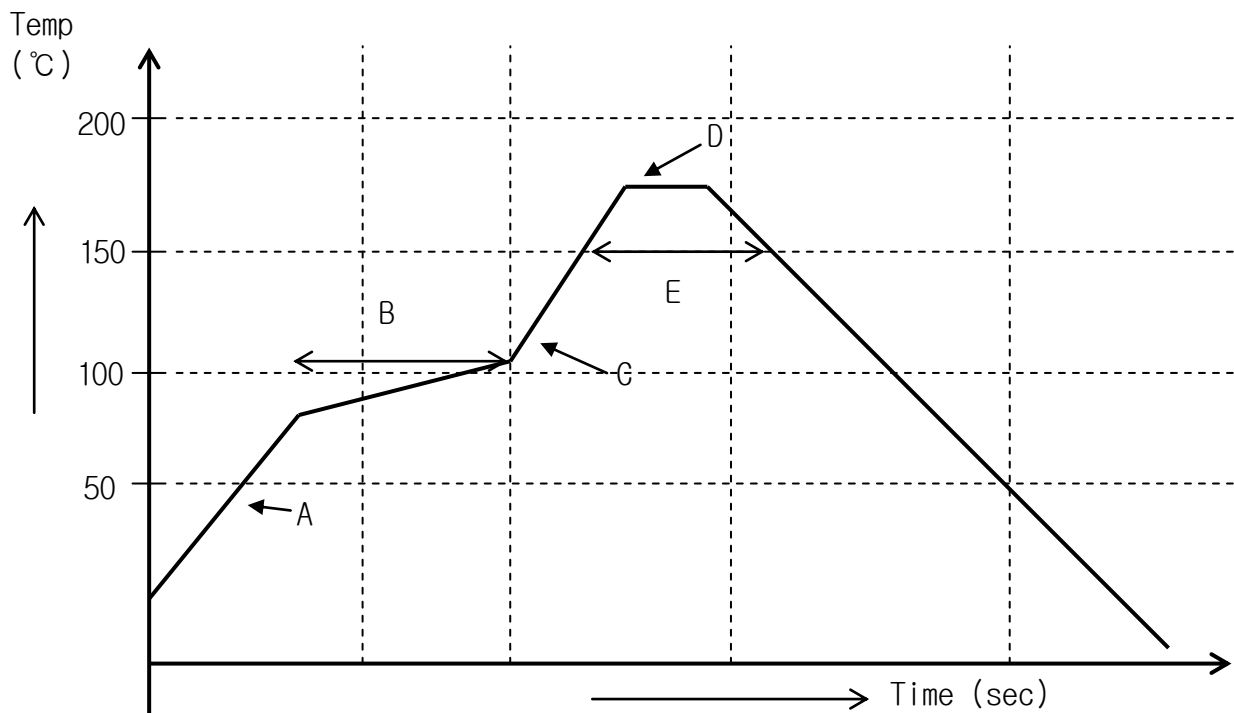
## TEST PLOT



Harmonics up to 8.5GHz

Group Delays

## ■ Soldering Time Profile



| No | ITEM         | TEMPERATURE     | TIME(SEC)    |
|----|--------------|-----------------|--------------|
| 1  | PRE-HEAT(B)  | B : 110 ~ 120°C | T : 60 ~ 120 |
| 2  | SOLDERING(D) | D : 190°C       | T : 7Max     |
| 3  | SOLDERING(E) | E : 150°C Min   | T : 20 ~ 60  |