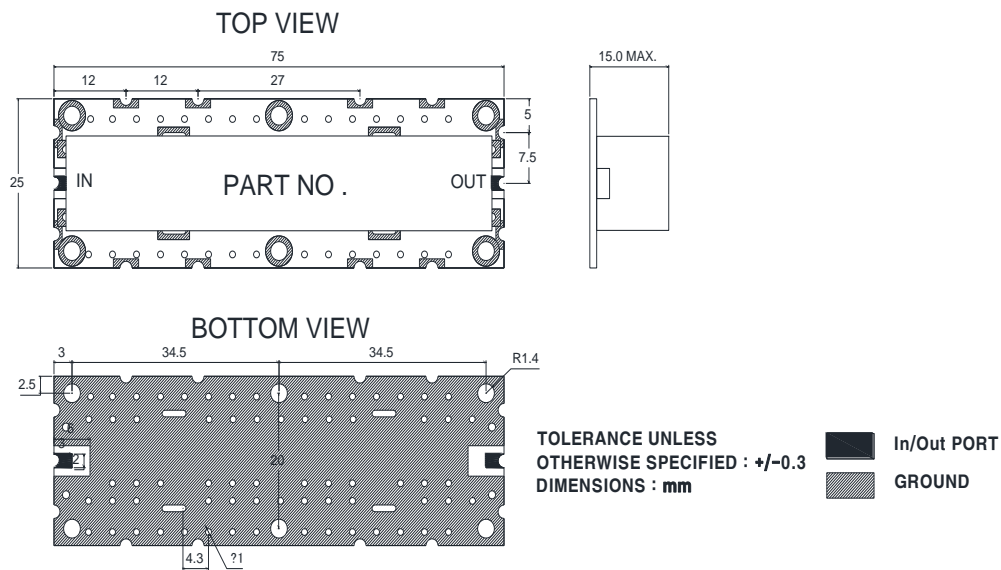


12/APR/2019

PRODUCT SPECIFICATION FOR INFORMATION

- Product Name LC BAND PASS FILTER
- Part No : MBP-450-520-70M-R3



[Mechanical 2D Drawing]

■ Electrical Specification

1. Center Frequency : 485MHz
2. Bandwidth : 450~520MHz
3. Insertion Loss : 0.9dB Max.
4. Return Loss : 1.5 :1
5. Attenuation : 10dBc Min @ 400MHz
 10dBc Min @ 570MHz
 40dBc Min @ 350MHz
 30dBc Min @ 620MHz
 70dBc Min @ 1000-2500MHz
6. GPS Band unblock : The output BPF shall have noise & spurious rejection of >100dbm@1575±2MHz
 To avoid jamming any external GPS receivers
- 7 Power Handling : 120W CW
8. Operating Temp : -40~80°C
9. Size : 75 x 25.0 x 15.0mm

■ PLOT DATA

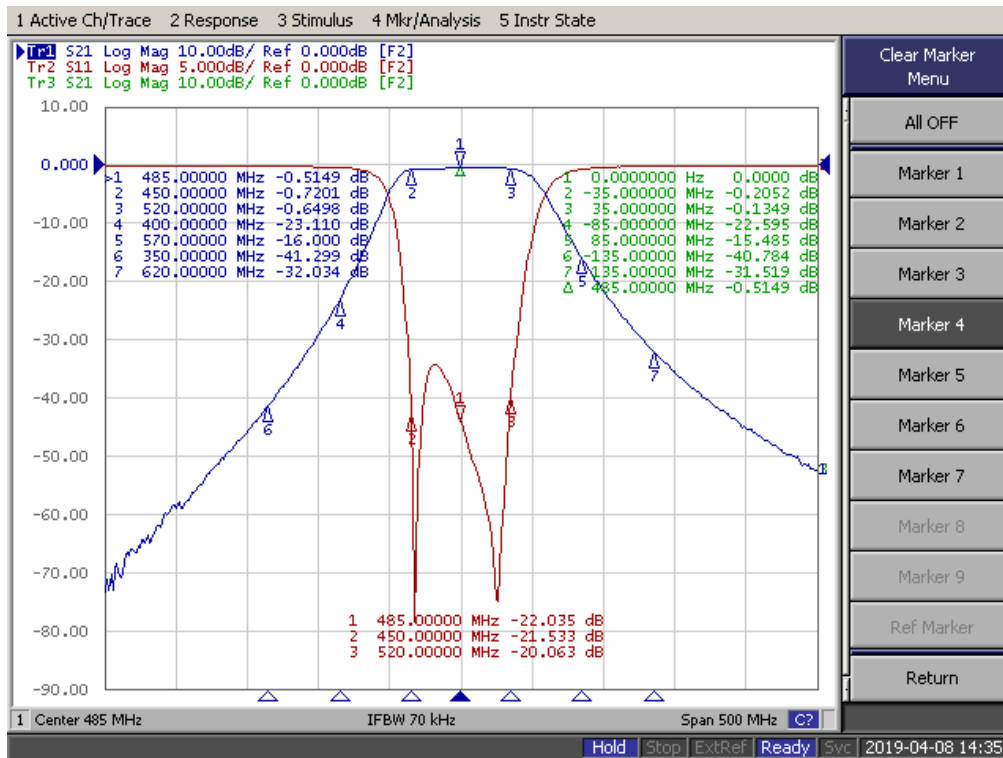


Figure 1 - Insertion loss / Return loss / Attenuation

■ PCB RECOMMENDED LAND PATTERN

RECOMMEND SOLDER PATTERN

