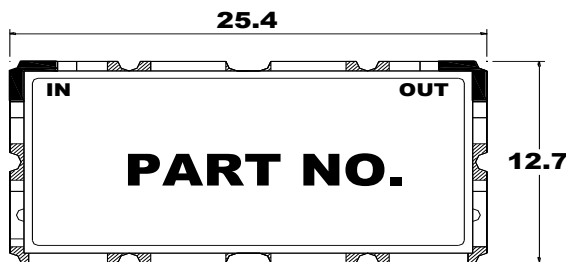


2018. 09. 06.

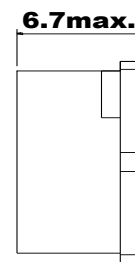
PRODUCT SPECIFICATION FOR INFORMATION

- Customer : EL GEV
- Product Name : LC BAND PASS FILTER
- Part No : MLB-100BP5M

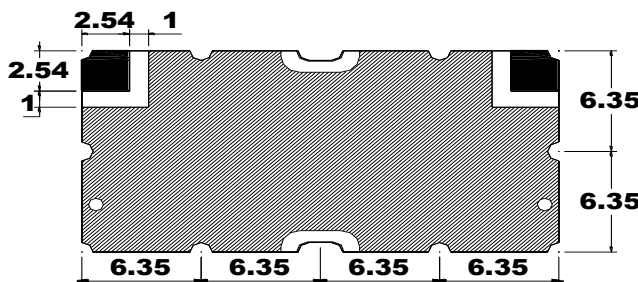
TOP VIEW



SIDE VIEW



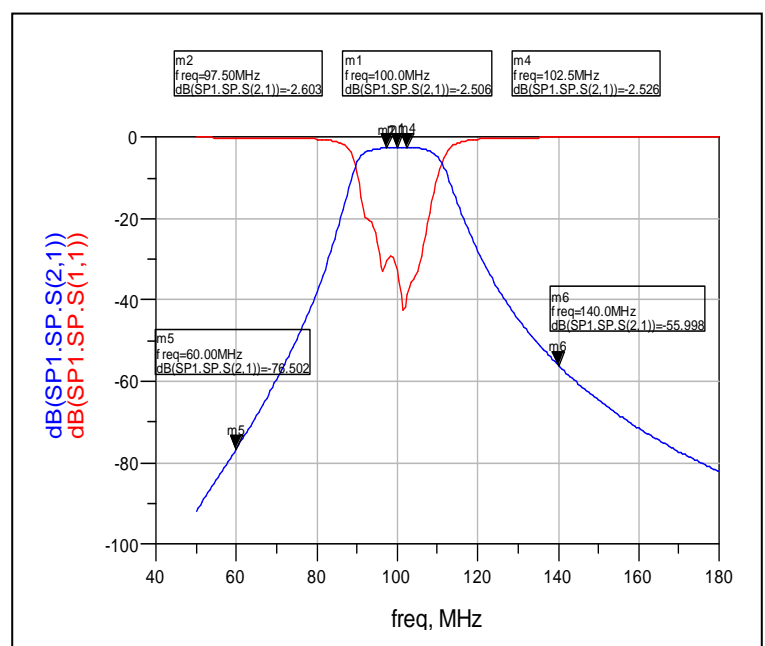
BOTTOM VIEW



TOLERANCE UNLESS OTHERWISE SPECIFIED : ±0.3
DIMENSIONS : mm

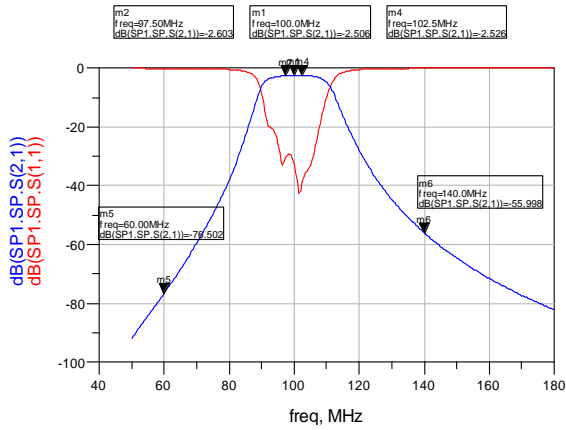
 GROUND
 I/O PORT

1. Center Frequency : 100MHz
2. Bandwidth : 5MHz(97.5 ~ 102.5MHz)
3. Insertion Loss : 3.0dB Max
4. Ripple : 1.0dB Max.
5. Return Loss : 15dB Max.
6. Rejection : 40dB @ 60MHz
40dB @ 140MHz
7. Group Delay Variation : 20nS Max.
8. Impedance : 50Ω
9. Input Power rating : +30dBm Max.
10. Operating Temperature Range : -40 ~ +85 °C

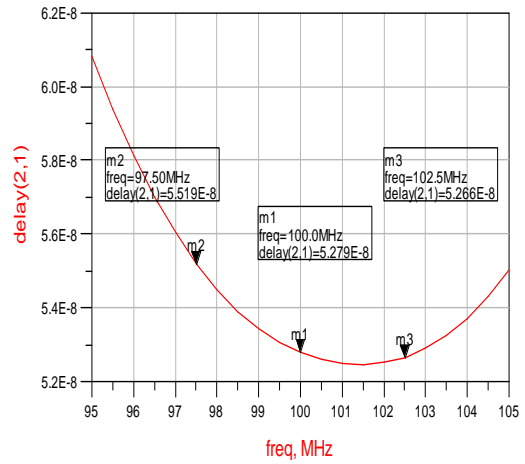


[SIMULATION PLOT]

■ SIMULATION PLOT



Rejection, Insertion loss, Return Loss



Group Delay