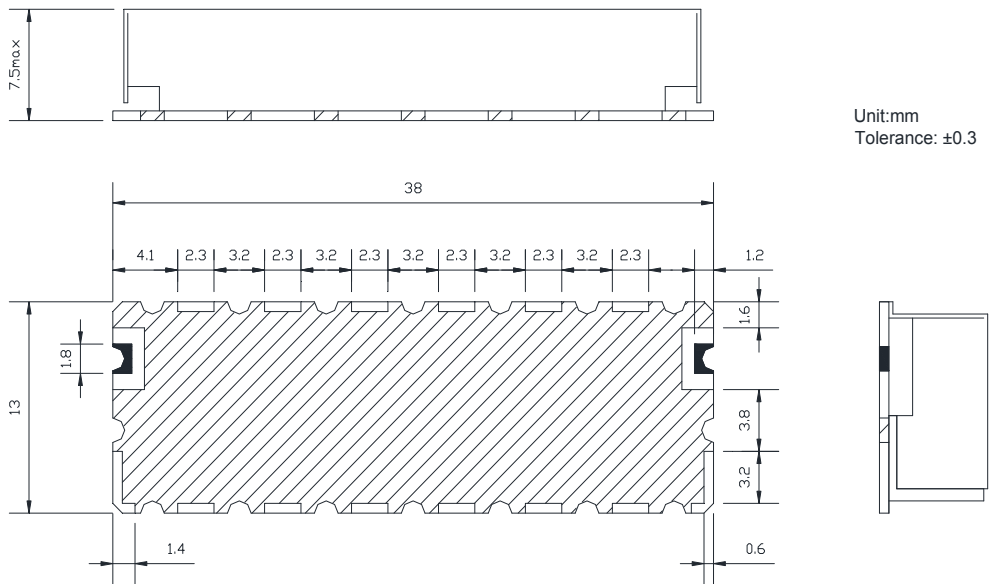
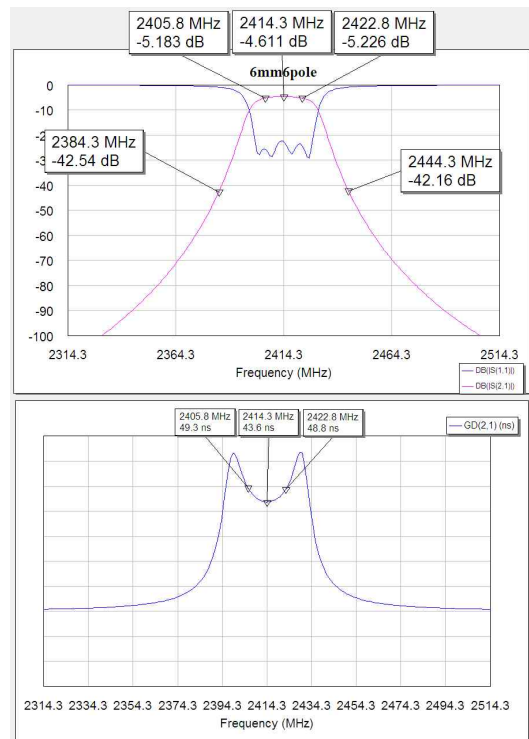


PRODUCT SPECIFICATION FOR INFORMATION

- Customer : DATAPATTERNS
- Product Name : CERAMIC BAND PASS FILTER
- Part No : MBP-6R6-2414BP17M

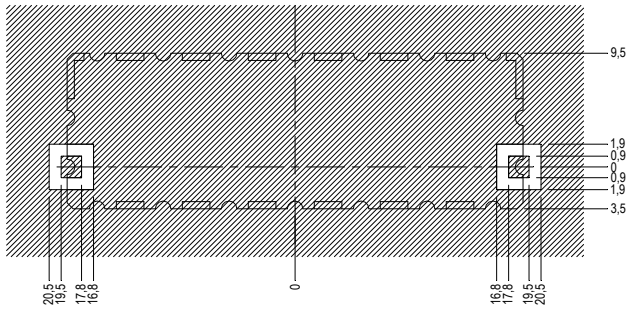


1. Center Frequency : 2414.28MHz
2. 1.0dB Bandwidth : $F_o \pm 8.5$ MHz Min.
3. 35dB Bandwidth : 60MHz Max.
4. Insertion Loss @ F_o : 6.5dB Max.
5. Ripple : 0.2dB Max. @ $F_o \pm 1$ MHz
 0.55dB Max. over any 2MHz
 1.0dB Max. over passband
6. Return Loss in Passband : 15dB Min.
7. Group Delay : 55nSec in passband
8. Input Power : 2.0W Max.
9. Impedance : 50Ω
10. Operating Temperature : -30°C ~ +70°C
11. Storage Temperature : -50°C ~ +85°C

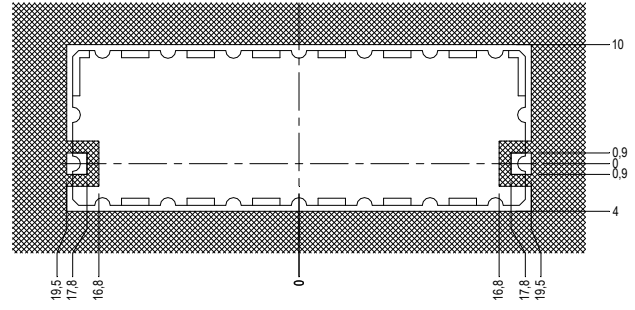


[SIMULATION PLOTS]

■ Land Pattern

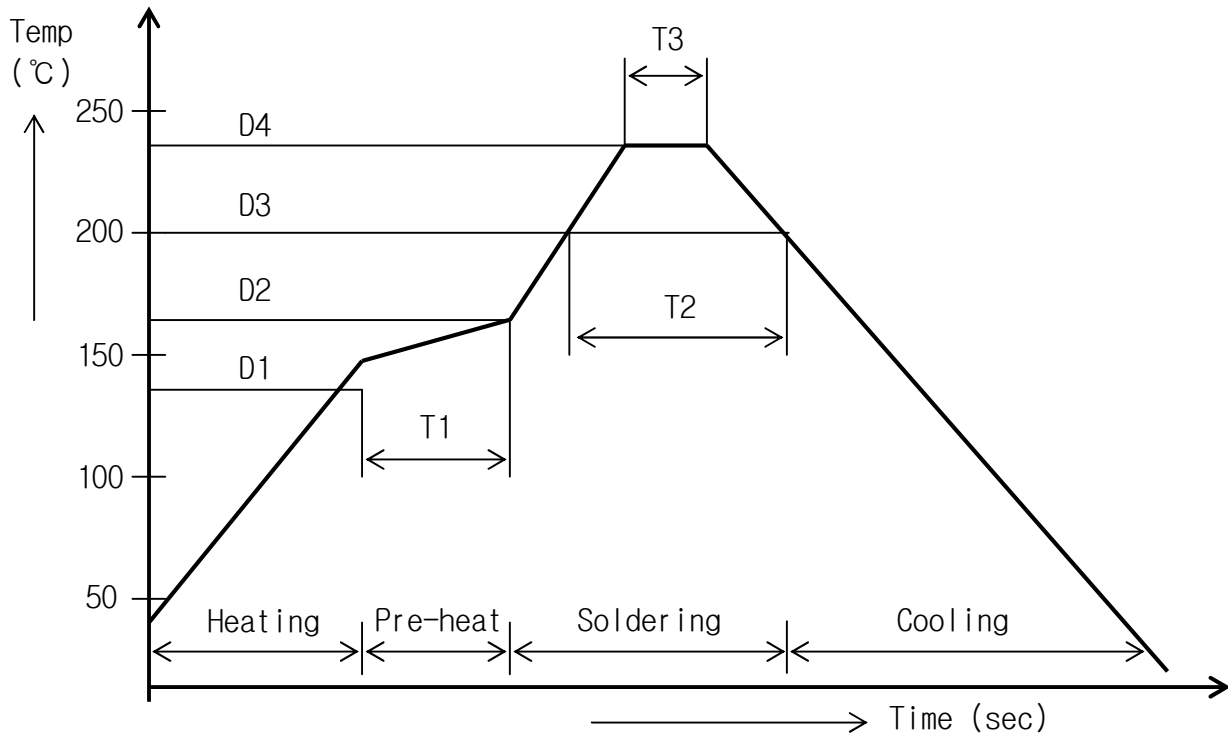


LAND PATTERN



SOLDER RESISTER

■ Soldering Time Profile



No	ITEM	TEMPERATURE	TIME(SEC)
1	PRE-HEAT	D1 : 140 ~ D2 : 160	T1 : 60±20
2	SOLDERING	D3 : 200	T2 : 20 ~ 30
3	TEMPERATURE	D4 : 230±10	T3 : 7 MAX

1) Soldering Iron Condition

- (1) Temperature : 230°C max
- (2) Duration : 4 sec max (1 part)
- (3) Capacity : 3W max