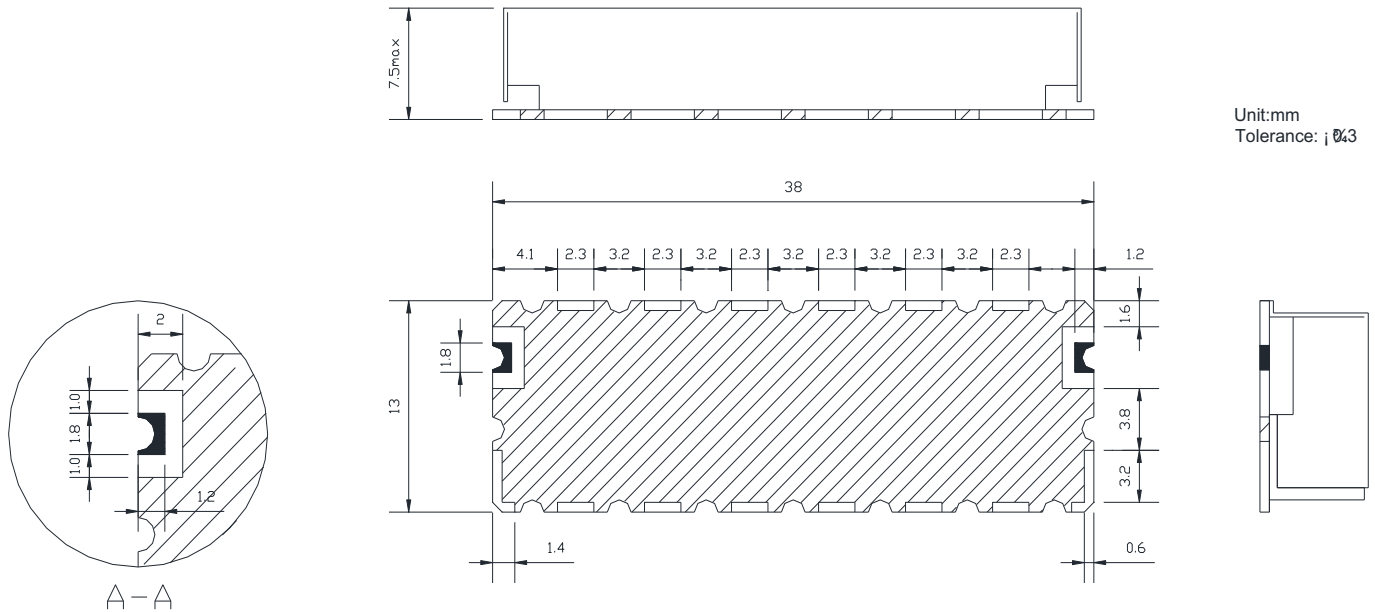
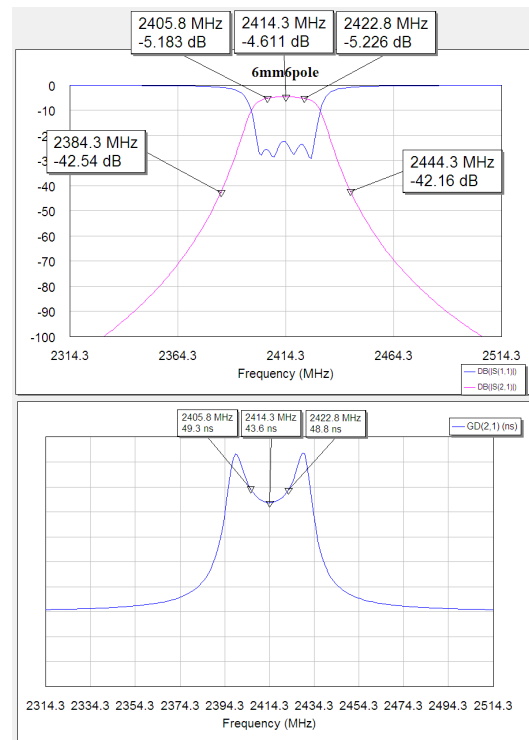


PRODUCT SPECIFICATION FOR INFORMATION

- Product Name : CERAMIC BAND PASS FILTER
- Part No : HD34244

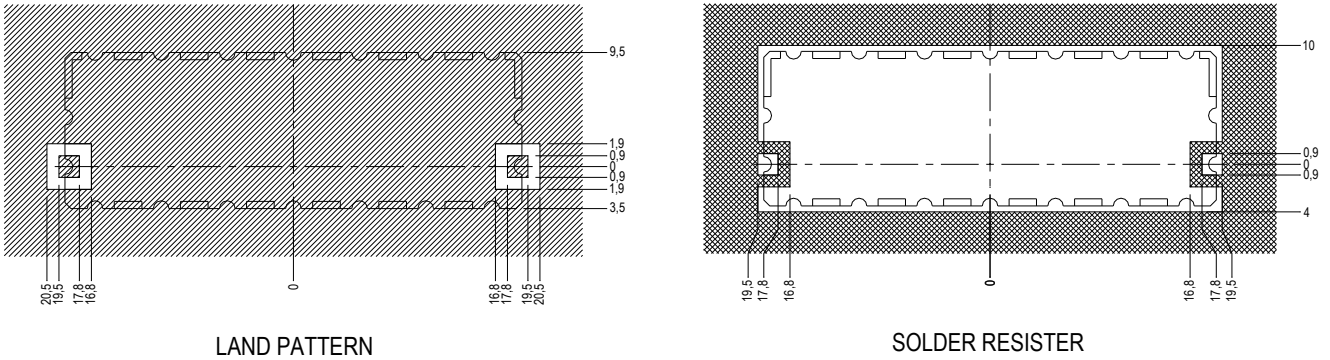


- Center Frequency : 2414.28MHz
- 1.0dB Bandwidth : $F_o \pm 8.5$ MHz Min.
- 35dB Bandwidth : 60MHz Max.
- Insertion Loss @ F_o : 6.5dB Max.
- Ripple : 0.2dB Max. @ $F_o \pm 1$ MHz
0.55dB Max. over any 2MHz
1.0dB Max. over passband
- Return Loss in Passband : 15dB Min.
- Group Delay : 55nSec in passband
- Input Power : 2.0W Max.
- Impedance : 50 Ω
- Operating Temperature : -30 $^{\circ}$ C ~ +70 $^{\circ}$ C
- Storage Temperature : -50 $^{\circ}$ C ~ +85 $^{\circ}$ C

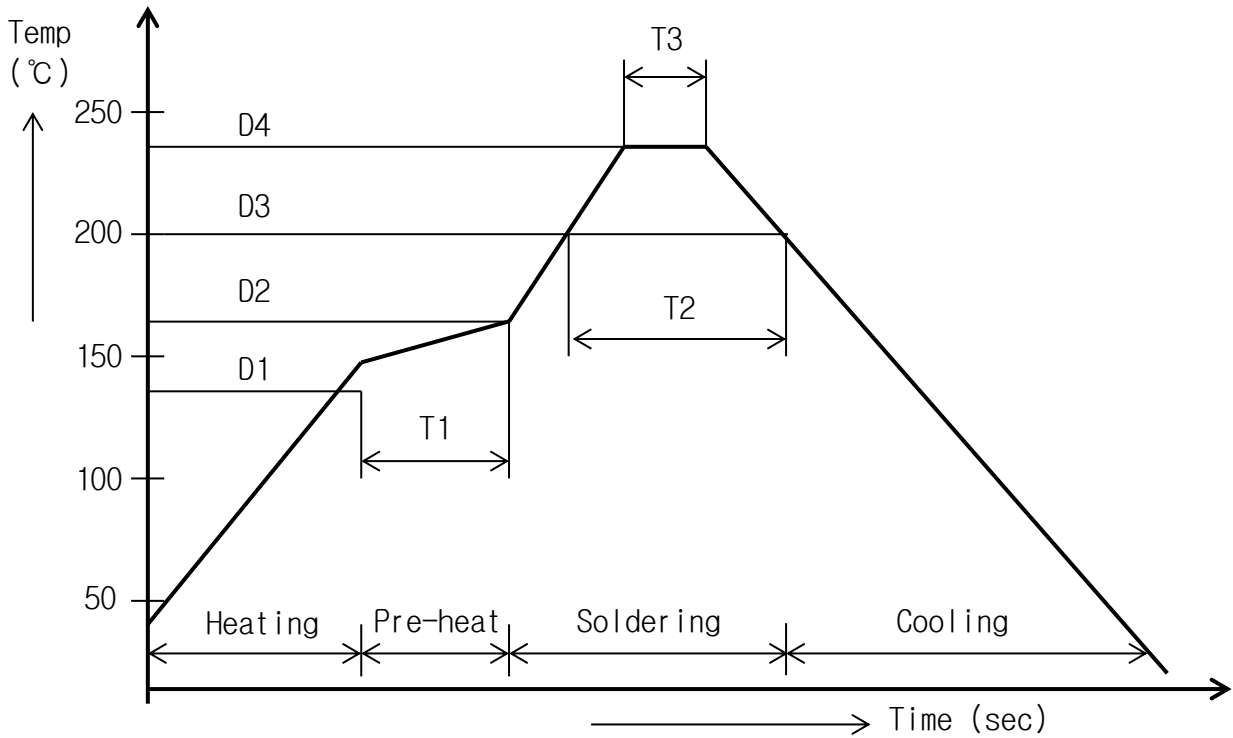


[SIMULATION PLOTS]

■ Land Pattern



■ 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