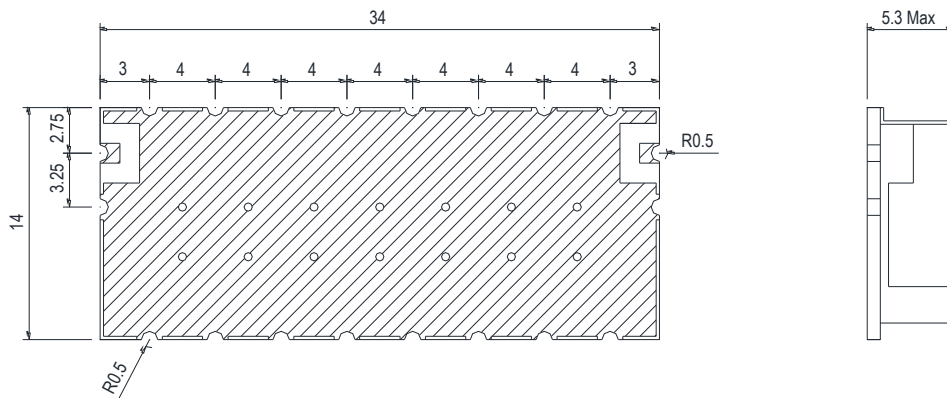


21/Oct/2016

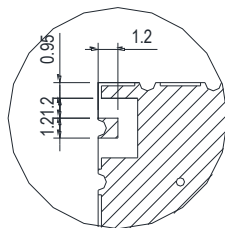
PRODUCT SPECIFICATION FOR INFORMATION

- Product Name : CERAMIC BANDPASS FILTER
- Part No : MBP-8R4-2187.5BP100M

PRELIMINARY SPECIFICATION

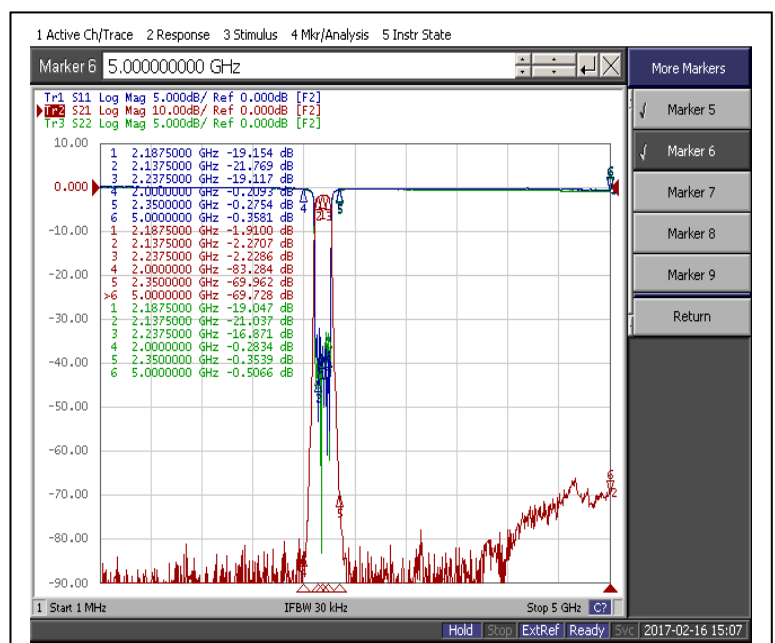


Unit : mm
Tolerance : +/- 0.3



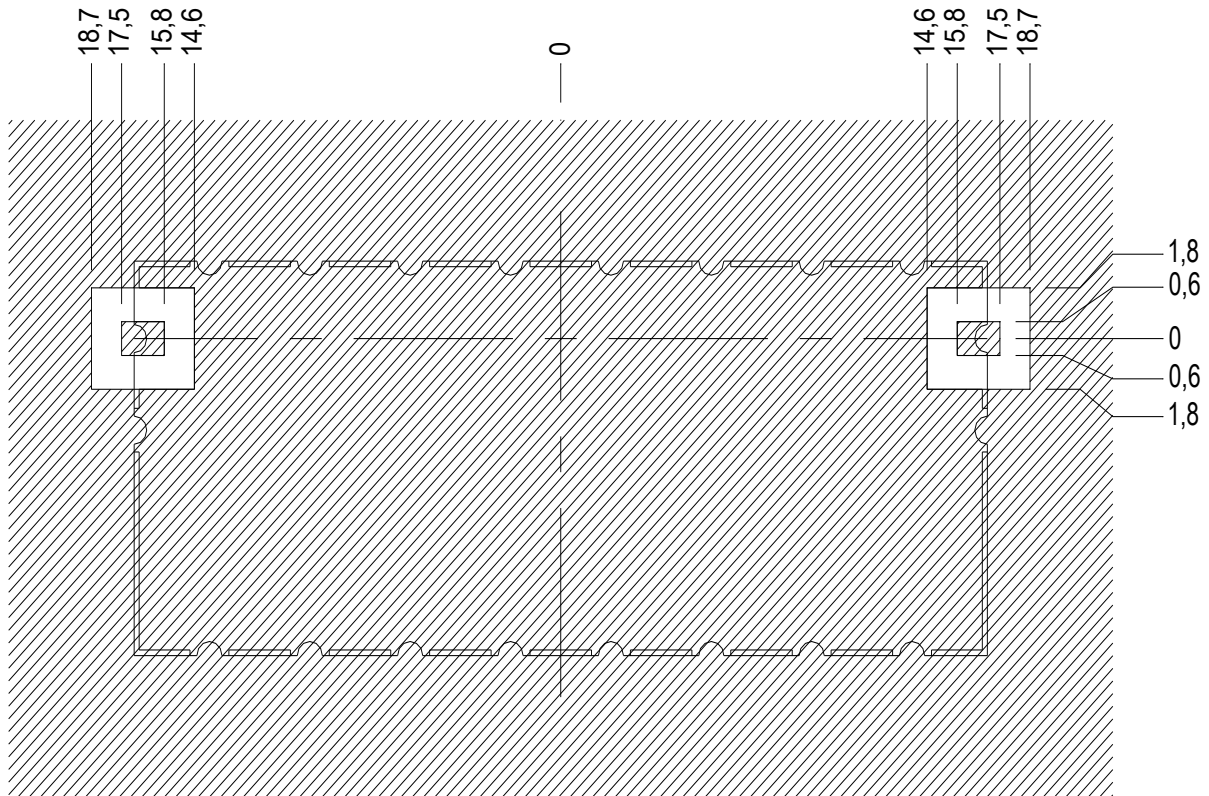
A-A

- Center Frequency : 2187.5MHz
- 3dB Bandwidth : 100MHz (2137.5 ~ 2237.5MHz)
- Insertion Loss in BW : 3dB (max).
- Ripple in BW : ± 0.25 dB (max).
- Rejection : 60dB Min. @ 1 MHz to 2000MHz.
55dB Min. @ 2350MHz to 5000MHz.
- Input Power : 1.0W Max.
- Impedance : 50 Ω
- Operating Temperature : -40 $^{\circ}$ C ~ +85 $^{\circ}$ C
- Size : 34 X 14 X 5m

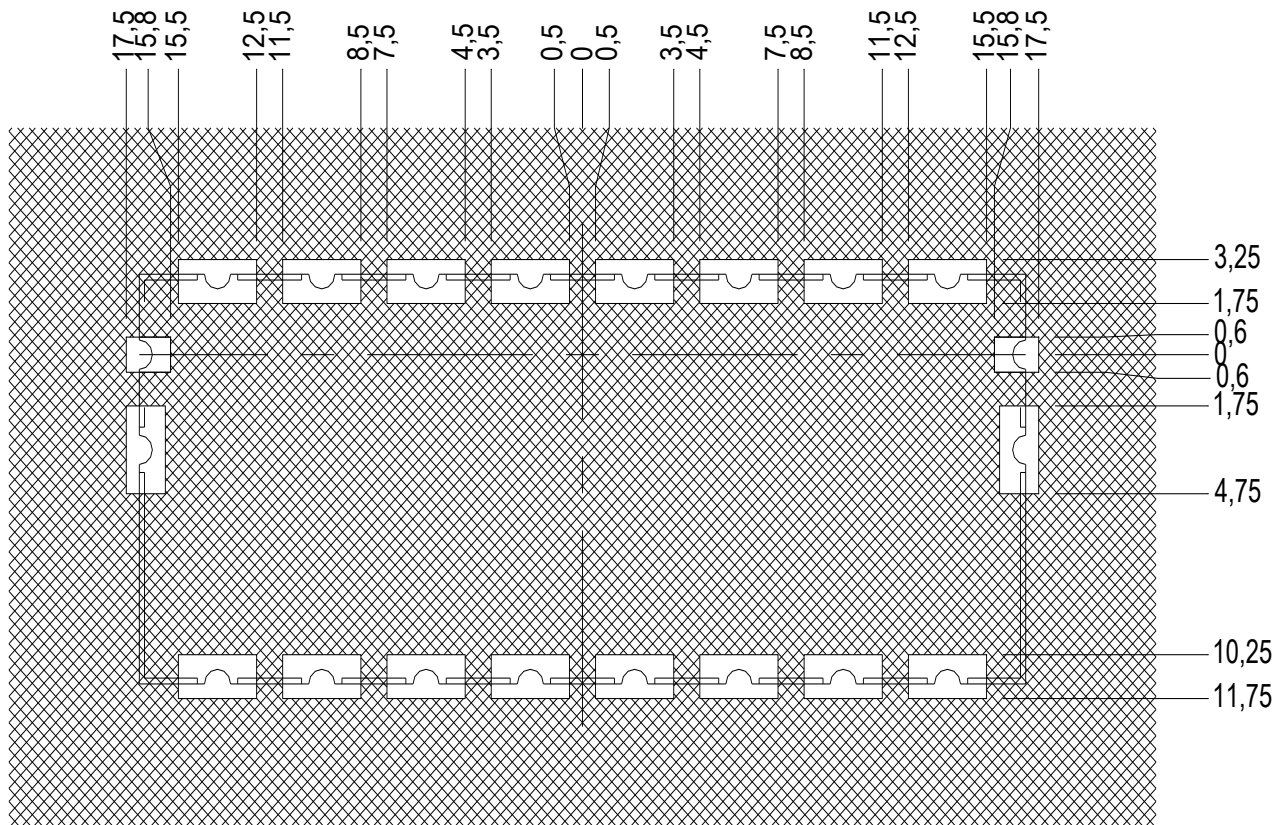


[PLOT DATA]

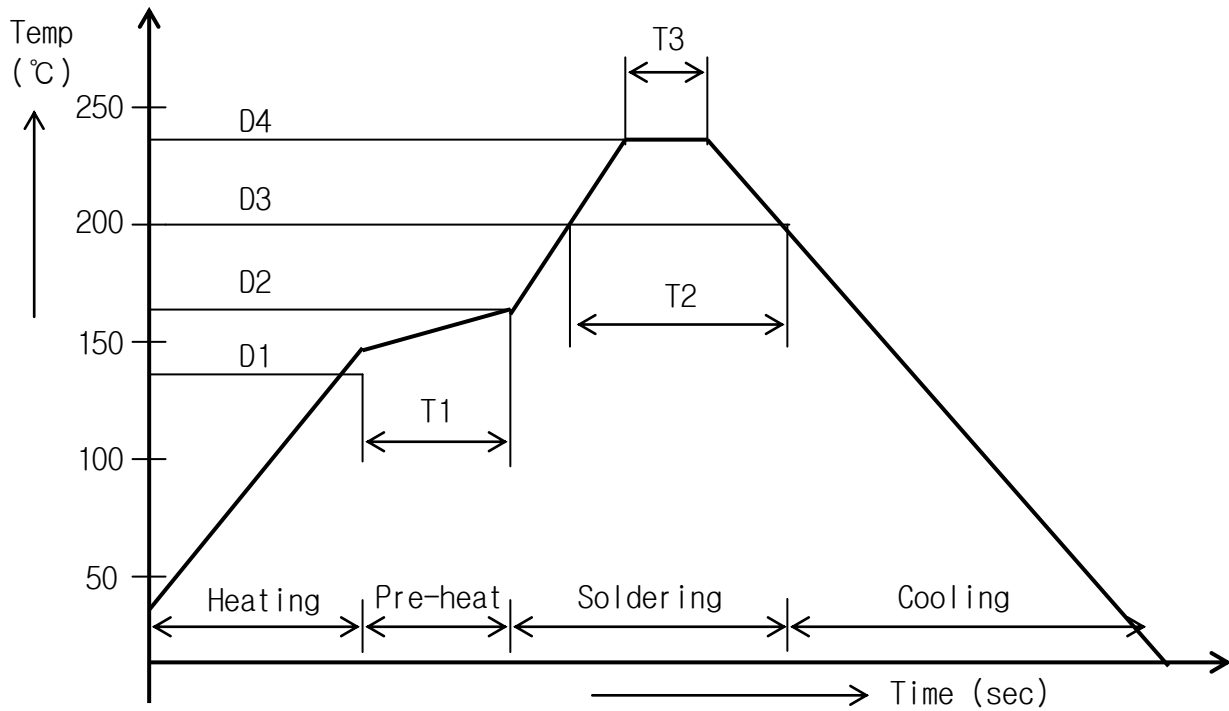
■ Land Pattern



■ Solder Resistor



■ 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