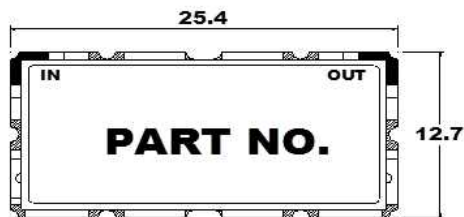


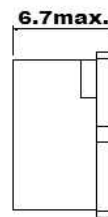
PRODUCT SPECIFICATION FOR INFORMATION

- Customer : DATAPATTERNS
- Product Name : LC LOW PASS FILTER
- Part No : MLL-500BP480M

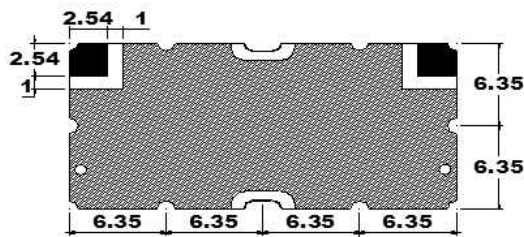
TOP VIEW



SIDE VIEW



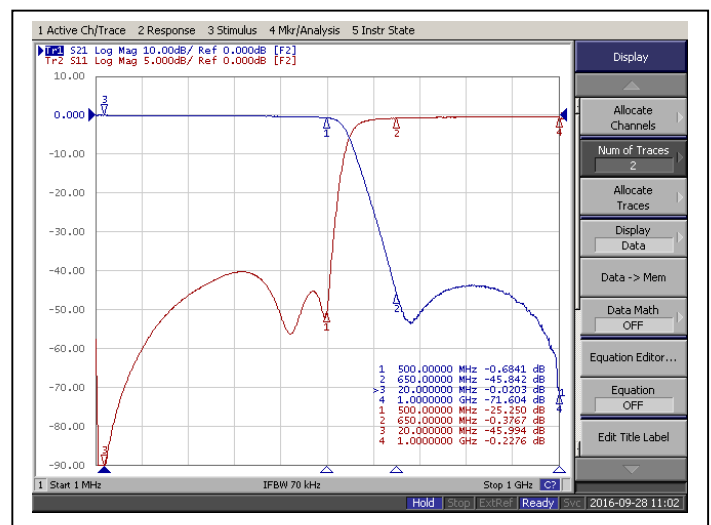
BOTTOM VIEW



**TOLERANCE UNLESS
OTHERWISE SPECIFIED : ± 0.3
DIMENSIONS : mm**

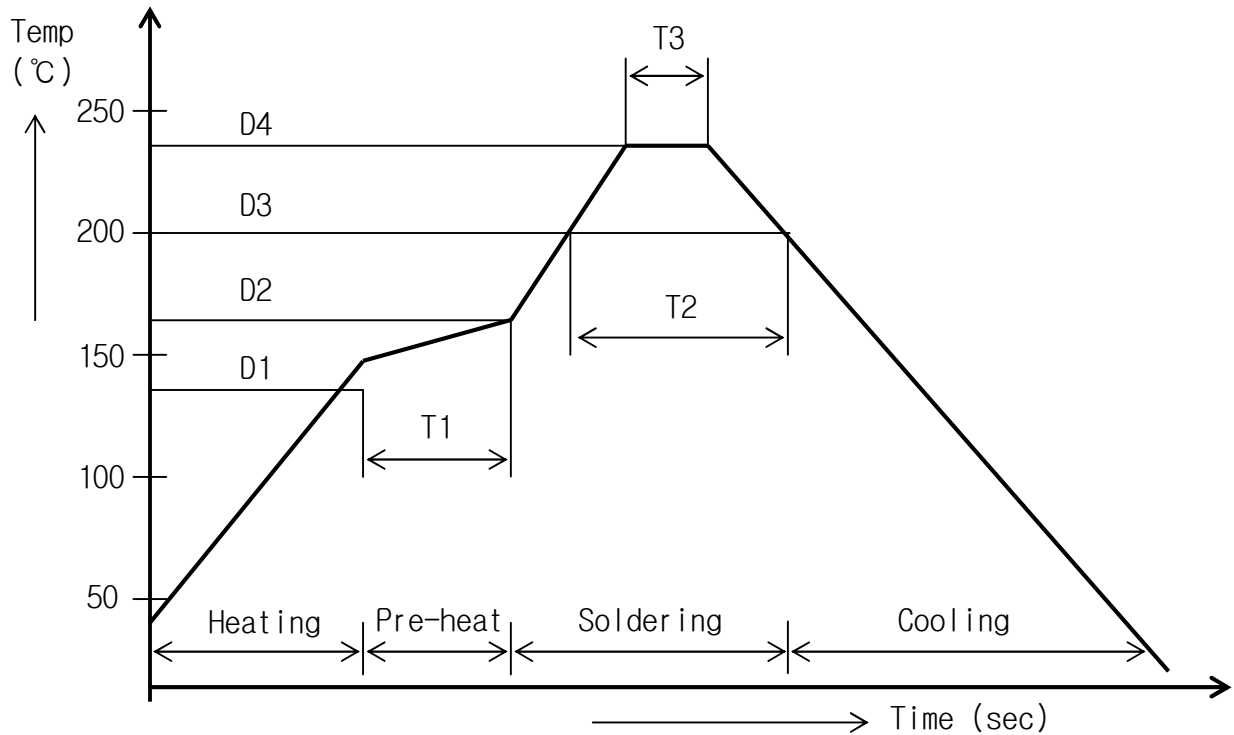
GROUND
I/O PORT

1. Cutoff Frequency : 500MHz
2. Bandwidth : 20 ~ 500MHz
3. Insertion Loss in BW : 1.0dB Max.
4. Return Loss in BW : 15dB Min.
5. Attenuation : 40dB Min @ 650MHz ~ 1500MHz
6. Impedance : 50Ω
7. Power Rating : 2W(33dBm) Max.
8. Operating Temperature : $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
9. Dimension : 25.4 X 12.7 X 6.7mm
10. Maximum Reflow Temp : 230 for 10sec



[PLOT DATA]

■ 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℃ max
- (2) Duration : 10 sec max (1 part)
- (3) Capacity : 3W max