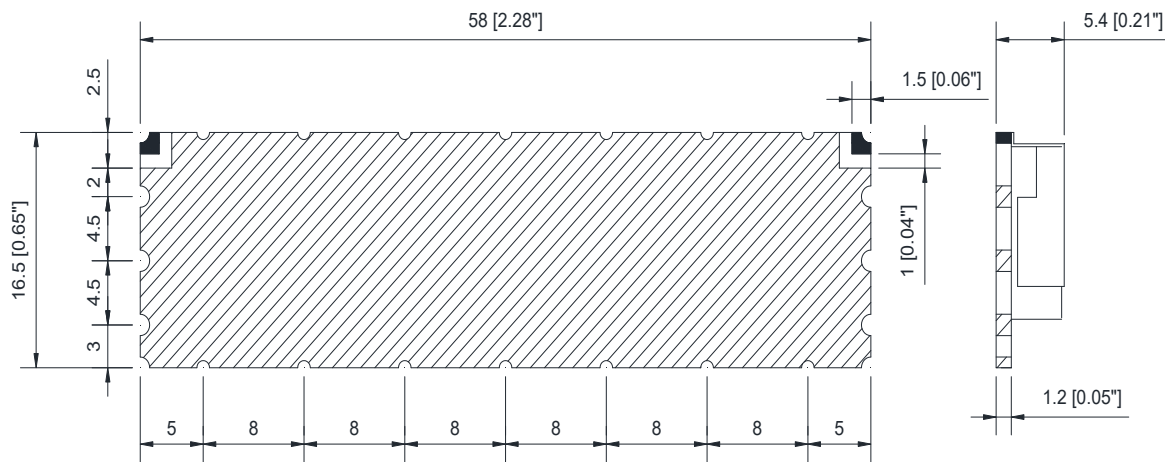


PRODUCT SPECIFICATION FOR INFORMATION

- Customer : DATAPATTERNS
- Product Name : CERAMIC BAND PASS FILTER
- Part No : MBP-8R4-2043BP40MA

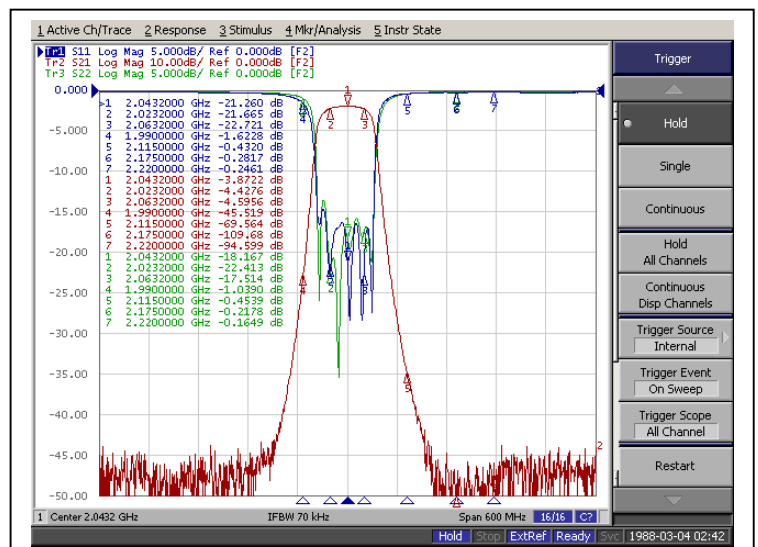


■ IN/OUT PORT

▨ GROUND

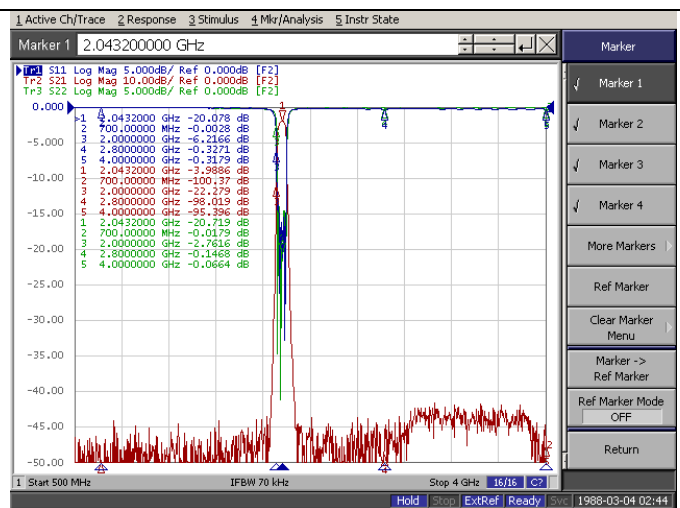
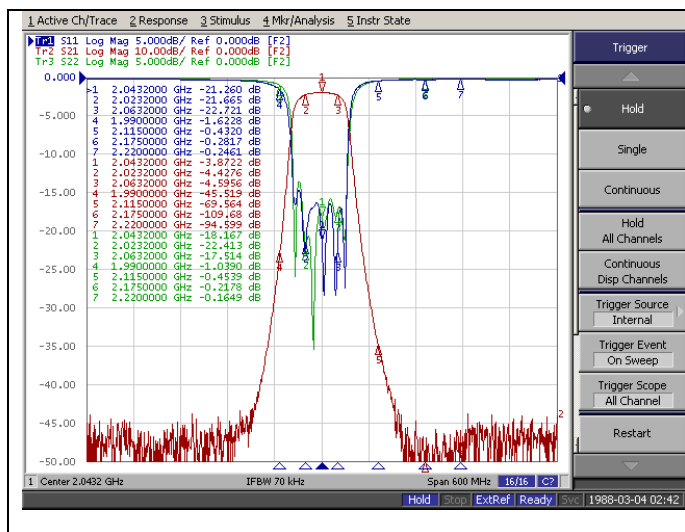
UNIT : mm[inches]

- Center Frequency : 2043.2MHz
- 1.0dB Bandwidth : $F_0 \pm 20\text{MHz}$ Min.
- Insertion Loss in BW : 5.5dB Max.
- Return Loss in BW : 15dB Min.
- Passband Ripple : 1.0dB Max.
- Attenuation : 20dB Min @ 1990MHz
50dB Min @ 2115MHz
85dB Min @ 2175 ~ 2220MHz
40dB Min @ 700 ~ 1950MHz
40dB Min @ 2800 ~ 4000MHz
- Impedance : 50Ω
- Power Rating : 2W(33dBm) Max.
- Operating Temperature : $-40^\circ\text{C} \sim +85^\circ\text{C}$
- Dimension : 58 X 16.5 X 5.4mm Max.
- Maximum Reflow Temp : 230 for 10sec

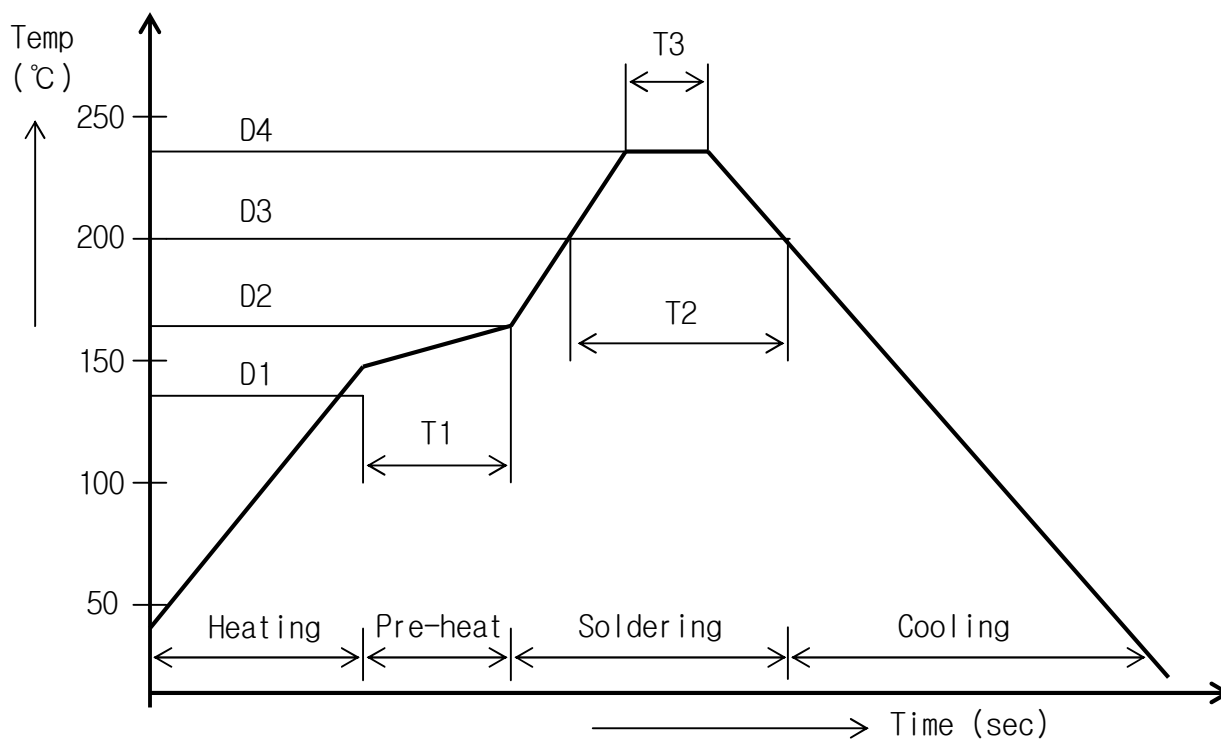


[PLOT DATA]

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