

MTC, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

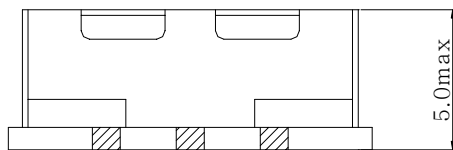
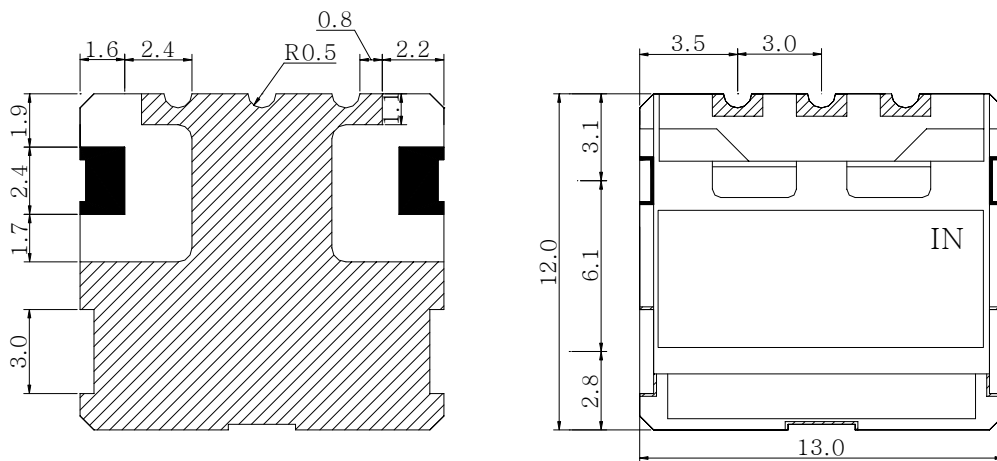
PRODUCT NAME : Monoblock Dielectric filter.

PART NO : MBMP44R2160BS20RB

ITEM	SPEC.
Center frequency	2160MHz
Bandwidth	20 MHz
Insertion loss	3.2dB max
Ripple	0.5dB max. (typical 0.3)
Return loss	18.0 dB min
Attenuation	50 dBc min. (typ : 53dB)@fo-60.0MHz
In/Out Impedance	50 ohm

NOTE: EQUIPMENT used HP 8753E

1 . DIMENSION:



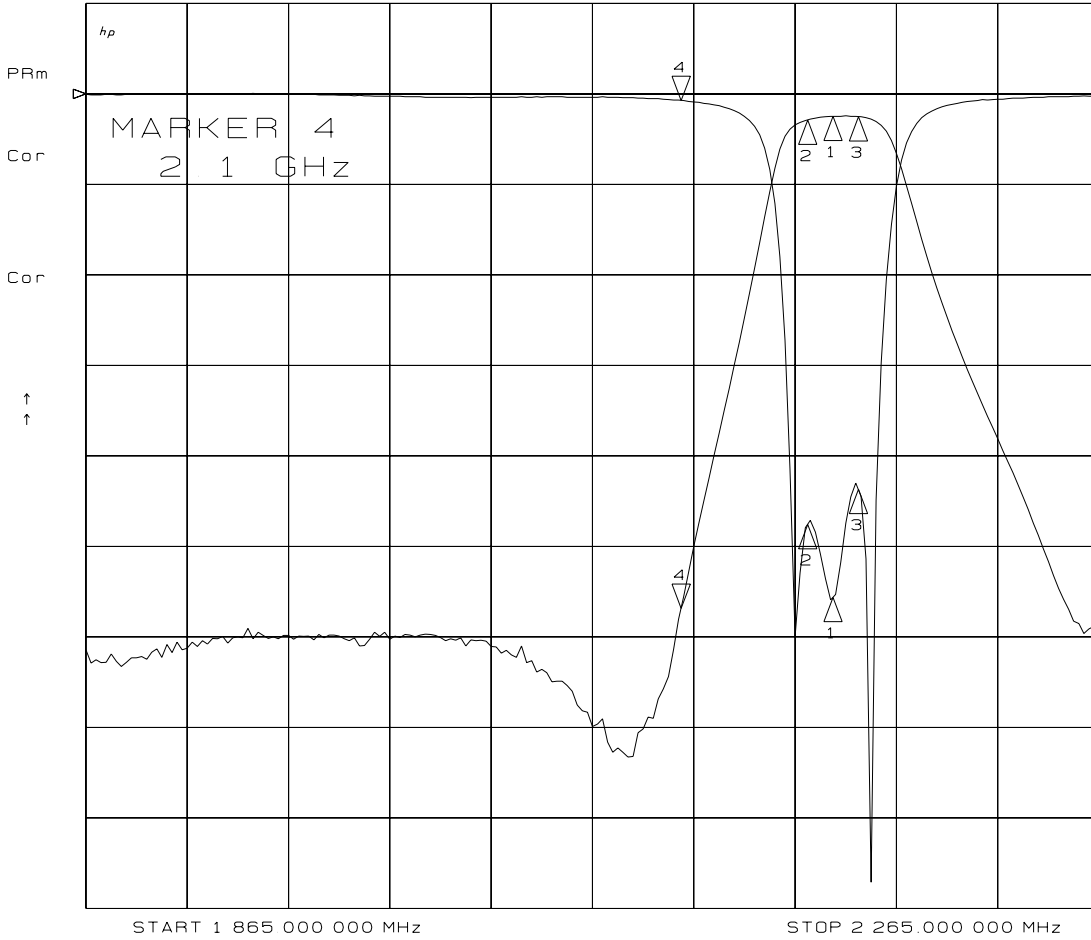
■ :I/O PORT
 ▨ :GROUND
 TOLERANCE UNLESS
 OTHERWISE SPECIFIED : ± 0.2
 DIMENSIONS : mm

2. CHARACTERISTIC GRAPH

16 Aug 2006 16:21:31

CH1 S11 LOG 5 dB/ REF 0 dB
CH3 S21 LOG 10 dB/ REF 0 dB

4:-37.280 dB 2 100.000 000 MHz
4:-56.847 dB



CH1 Markers

- 1:-27.829 dB
2.16000 GHz
- 2:-23.799 dB
2.15000 GHz
- 3:-21.841 dB
2.17000 GHz

CH3 Markers

- 1:-2.4727 dB
2.16000 GHz
- 2:-2.8852 dB
2.15000 GHz
- 3:-2.5311 dB
2.17000 GHz