

MTC, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

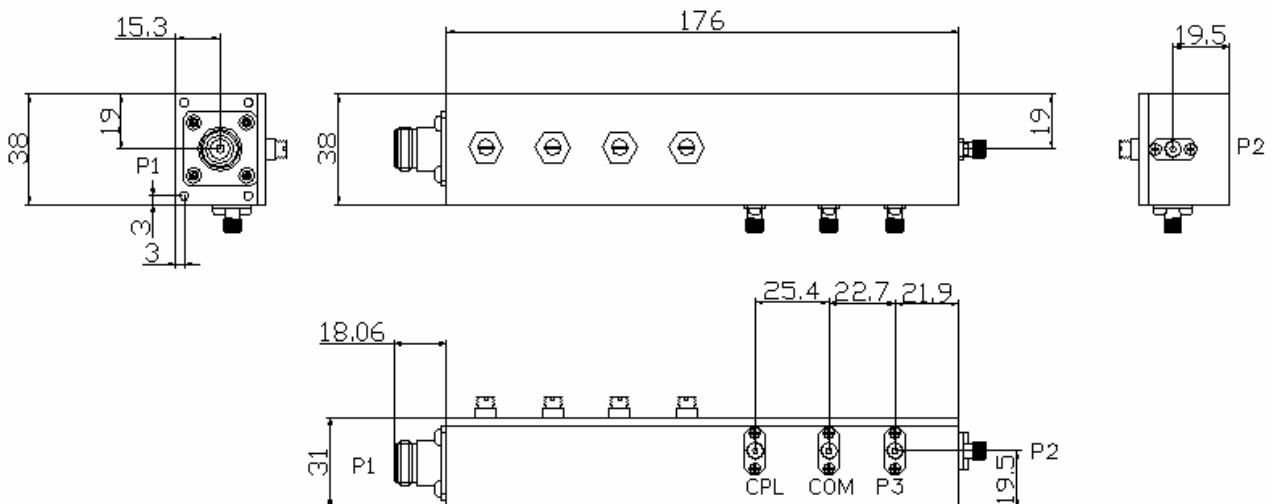
CUSTOMER :

PART NO : MCM2345F27MDL1

ITEM	Specification
Center Frequency (F0)	2345 MHz
Band Width	27 MHz
Main line Insertion Loss	1.5 dB (max)
VSWR	1.4:1(min)
Coupling factor	10dB±0.25(max)
Coupling Flatness	±0.5dB(max)
Input Average Power	P1:3W, P2:100W
Connector	P1 – N(F) P2 – SMA(F)
ISOLATION	20dB
Attenuation	30dB @ 2305MHz 35dB @ 2385MHz
Impedance	50 Ohms

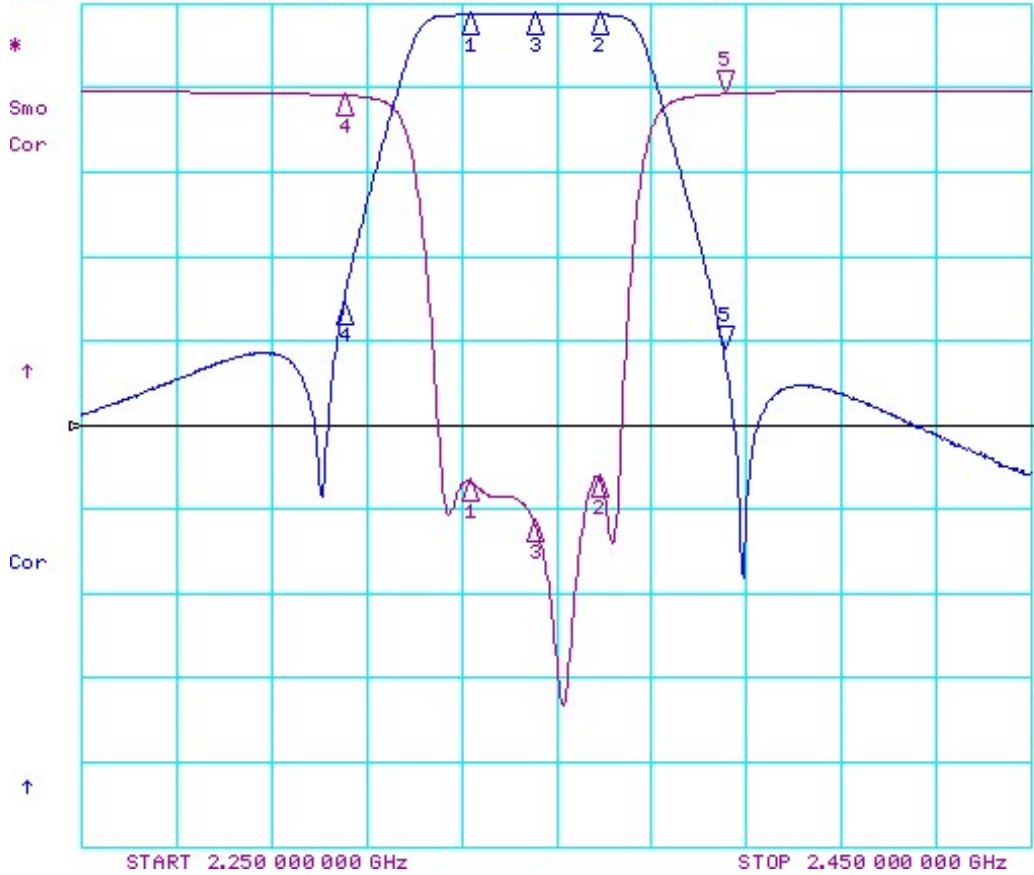
NOTE : EQUIPMENT used HP 8753E

DIMENSION



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CH1 S11 LOG 5 dB/REF -20 dB 5:-.34900 dB 2.385 000 000 GHz
CH2 S21 LOG 10 dB/REF -50 dB 5:-40.837 dB



CH1 Markers

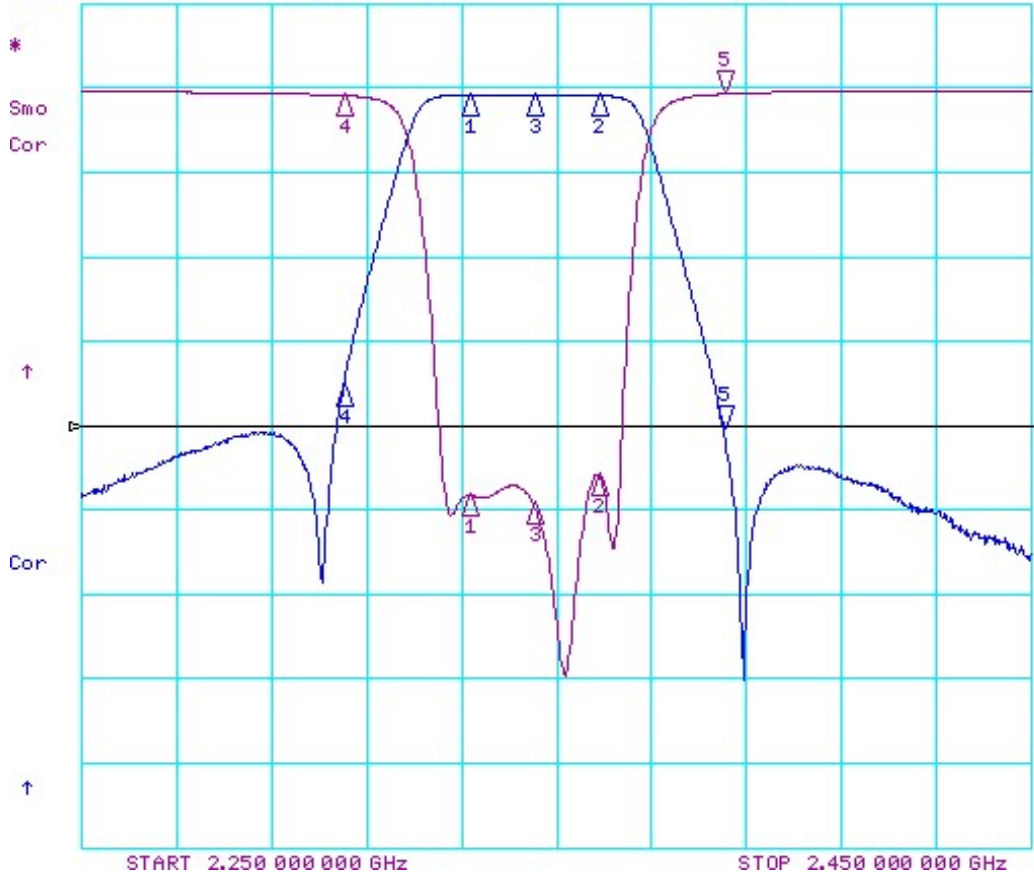
- 1:-23.317 dB
2.33150 GHz
- 2:-23.028 dB
2.35850 GHz
- 3:-25.626 dB
2.34500 GHz
- 4:-4.3400 dB
2.30500 GHz

CH2 Markers

- 1:-1.2920 dB
2.33150 GHz
- 2:-1.2980 dB
2.35850 GHz
- 3:-1.1730 dB
2.34500 GHz
- 4:-35.696 dB
2.30500 GHz

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CH1 S11 LOG 5 dB/REF -20 dB 5:-.34800 dB 2.385 000 000 GHz
CH2 S21 LOG 10 dB/REF -50 dB 5:-50.356 dB



CH1 Markers

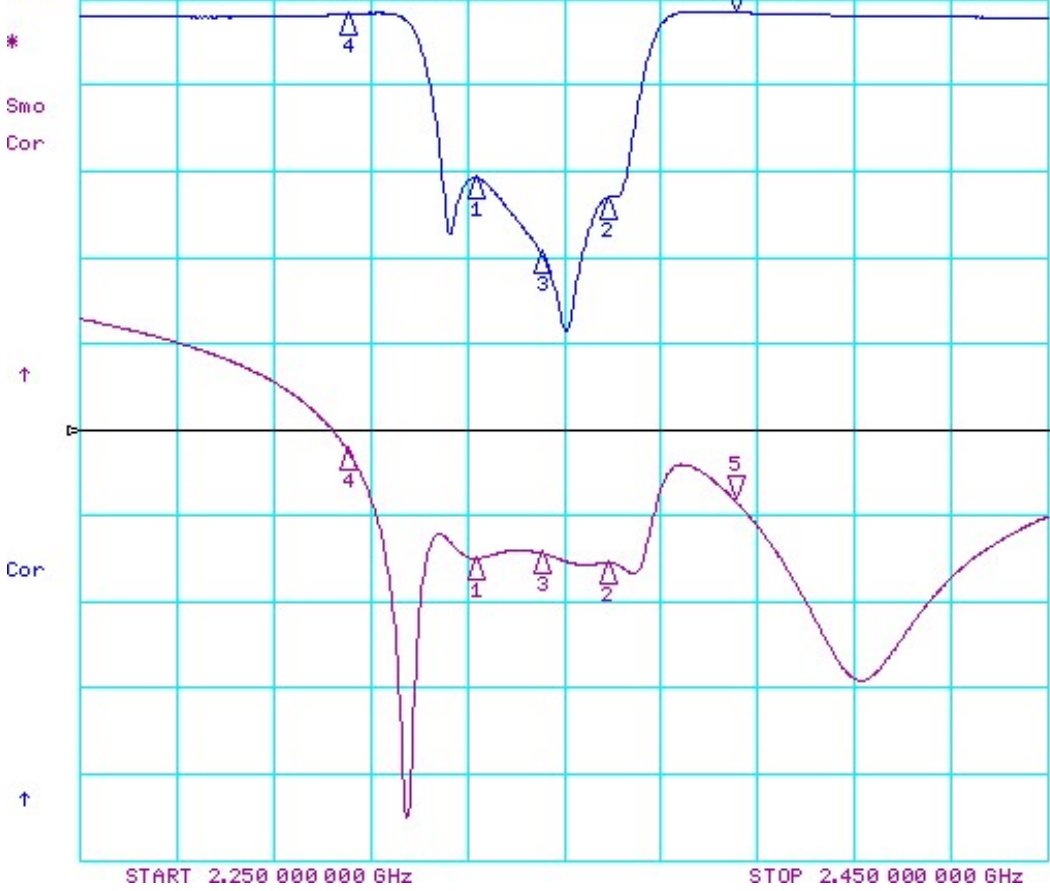
- 1:-24.115 dB
2.33150 GHz
- 2:-22.889 dB
2.35850 GHz
- 3:-24.631 dB
2.34500 GHz
- 4:-4.3700 dB
2.30500 GHz

CH2 Markers

- 1:-10.828 dB
2.33150 GHz
- 2:-10.908 dB
2.35850 GHz
- 3:-10.773 dB
2.34500 GHz
- 4:-45.301 dB
2.30500 GHz

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CH1 S11 LOG 5 dB/REF -20 dB 5:-24.039 dB 2.385 000 000 GHz
CH2 S21 LOG 10 dB/REF -50 dB 5:-1.5390 dB



CH1 Markers

1:-27.506 dB
2.33150 GHz
2:-27.738 dB
2.35850 GHz
3:-27.161 dB
2.34500 GHz
4:-21.132 dB
2.30500 GHz

CH2 Markers

1:-20.700 dB
2.33150 GHz
2:-23.136 dB
2.35850 GHz
3:-29.281 dB
2.34500 GHz
4:-1.7390 dB
2.30500 GHz