

## 2.38 GHz Bandpass Filter



**Microwavefilters® & **  
Microwave components for telecommunication systems

**IL < 1 dB**

**BW = 40 MHz**

**Attenuation > 30 dB @ 2340 MHz**

**Microwavefilters & TVC srl**

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# Microwavefilters® &

This new bandpass filter has 6 resonators + 2 transmission zeros. The TZs make the filter compact and with more attenuation near the bandwidth's edges.

## Filter Characteristics

### MW-F02380-CCT

Central Frequency  $F_0$

Bandwidth

Attenuation at 2340 MHz

Attenuation at 2440 MHz

Insertion Loss

Return Loss

Material

Dimensions

Input/Output Ports

**2380 MHz**

**40 MHz ( $F_0 \pm 20$  MHz)**

**$\geq 30$  dB**

**$\geq 40$  dB**

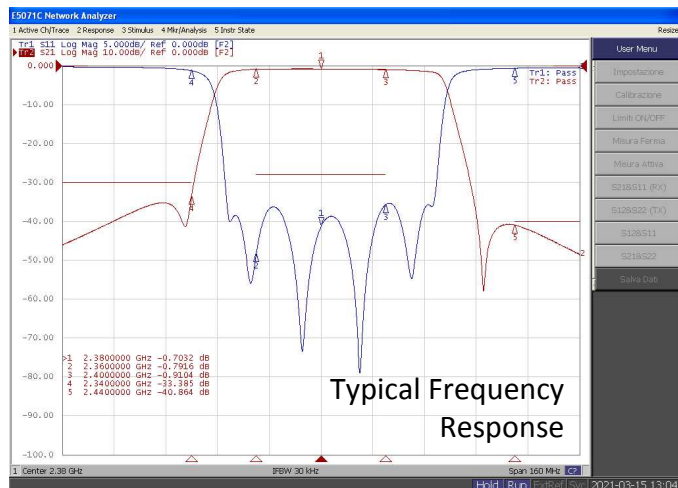
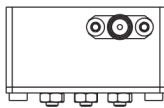
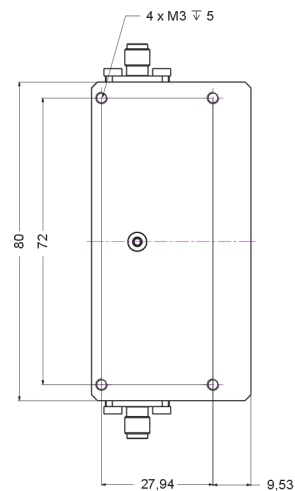
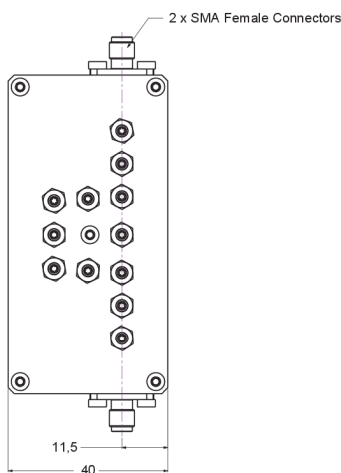
**$\leq 1.0$  dB**

**$\geq 14$  dB (18 dB typ.)**

**Aluminium**

**80 x 40 x 25.4 mm (including tuning screws**

**2 x SMA-Female**



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