Specification for monolithic crystal filter:  

MQF 10.0 - 0320/09

1. General
1.1. Package:

1.2. Type name: MQF 10.0-0320/09
1.3. Number of poles: 4
1.4. Operating temperature range: -40°C to +85°C
1.5. Storage temperature range: -45°C to +85°C

2. Electric values
2.1. Nominal centre frequency $f_0$: 10.0 MHz

2.2. Pass band

2.2.1. Bandwidth between 6 dB - frequencies: $\geq f_0 \pm 1.6$ kHz
2.2.2. Ripple: $\leq 2.0$ dB at $f_0 \pm 1.2$ kHz
2.2.3. Insertion loss: $\leq 2.5$ dB
   (measured on smallest attenuation in pass band)

2.3. Stop band

2.3.1. $f_0 \pm 10$ kHz: $\geq 33$ dB
2.3.2. Alternate attenuation: $\geq 40$ dB

2.4. Terminating impedance (input and output): 50 // 0 pF

2.5. Continuous input level: 0 dBm
2.6. Maximum input level: + 14 dBm

3. Marking: manufacturer, date code
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4. Environment conditions: Corresponding to Vectron CF001

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Edited by: ___________________________ name: ___________________________