Specification for monolithic crystal filter: **MQF 45.0 - 3000/29**

1. General
1.1. Package:

![Diagram of Package](image)

1.2. Type name: MQF 45.0-3000/29
1.3. Number of poles: 6
1.4. Operating temperature range: -20°C to +70°C
1.5. Storage temperature range: -40°C to +85°C

2. Electric values

2.1. Nominal centre frequency $f_0$: 45.0 MHz

2.2. Pass band

2.2.1. Bandwidth between 3 dB - frequencies: $> f_0 \pm 15$ kHz
2.2.2. Ripple: $< 2.0$ dB at $f_0 \pm 10$ kHz
2.2.3. Insertion loss: $< 4.0$ dB

( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. $f_0 \pm 50$ kHz $> 63$ dB
2.3.2. $f_0 \pm 1.0$ MHz $> 70$ dB ( except spurious )

2.4. Terminating impedance ( input and output ): 650 Ω // 2.0 pF

3. Marking: manufacturer, date code 45.0-3000/29

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: date: ___________________________ name: ___________________________