Specification for monolithic crystal filter: **MQF 10.0-0500/04**

1. General
1.1. Package:

![Diagram](image1)

1.2. Type name: MQF 10.0-0500/04
1.3. Number of poles: 8
1.4. Operable temperature range: -30°C to +80°C
1.5. Operating temperature range: -20°C to +70°C
1.6. Storage temperature range: -55°C to +80°C

2. Electric values
2.1. Nominal centre frequency fo: 10.0 MHz
2.2. Pass band

2.2.1. Bandwidth between 3 dB - frequencies: \(\geq f_o \pm 2.5\) kHz
2.2.2. Ripple: \(\leq 2.0\) dB at \(f_o \pm 1.5\) kHz
2.2.3. Insertion loss:

\(\leq 5.0\) dB

( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. \(fo \pm 5\) kHz: \(\geq 40\) dB
2.3.2. Alternate attenuation: \(\geq 40\) dB

2.4. Terminating impedance (input and output):

2300 \(\Omega\) // 2.5 pF

3. Marking:

manufacturer, date code

10.0-0500/04

4. Environment conditions:

Corresponding to Vectron standard CF001

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Edited by: ____________________________ date: ____________________________ name: ____________________________