Specification for monolithic crystal filter: **MQF 40.5-1500/03**

1. General

1.1. Package:

![Package Diagram]

1.2. Type name: MQF 40.5-1500/03
1.3. Number of poles: 6
1.4. Operating temperature range: -40°C to +85°C
1.5. Storage temperature range: -55°C to +85°C

2. Electric values

2.1. Nominal centre frequency fo: 40.5 MHz

2.2. Pass band

2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 7.5 kHz
2.2.2. Ripple in pass band (peak to peak): < 1.0 dB
2.2.3. Insertion loss: < 4.0 dB (measured on smallest attenuation in pass band)

2.3. Stop band

2.3.1. fo ± 30 kHz > 60 dB
2.3.2. Alternate attenuation > 80 dB (except spurious)

2.4. Nominal / maximum input power level: 0 dBm / +15 dBm

2.5. Terminating impedance R/C (input and output): 50 Ω // 0 pF

3. Marking:

![Top View]

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: __________________________ date: __________________________ name: __________________________