Specification for monolithic crystal filter

MQF 63.078–1200/03

1. General

1.1. Package: GM 8

1.2. Type name: MQF 63.078-1200/03

1.3. Number of poles: 6

1.4. Operating temperature range: 0°C to +75°C

1.5. Storage temperature range: -20°C to +75°C

2. Electric values

2.1. Nominal centre frequency fo: 63.078 MHz

2.2. Pass band

2.2.1. Bandwidth between 1 dB - frequencies: > ± 6.0 kHz

2.2.2. Ripple: < 1.0 dB at fo ± 6.0 kHz

2.2.3. Insertion loss: < 4.0 dB

( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. fo ± 25 kHz > 60 dB

2.3.2. Alternate attenuation, fo ± 25……500 kHz > 60 dB

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

2.5. Intermodulation

2.5.1. frequency 1: fo ± 30 kHz

frequency 2: fo ± 60 kHz

input power level - 10 dBm

IM: > 70 dB

2.5.2. frequency 1: fo + 1 kHz

frequency 2: fo - 1 kHz

input power level - 9 dBm

IM: > 46 dB

2.5.3. frequency 1: fo + 1 kHz

frequency 2: fo - 1 kHz

input power level -16 dBm, -26 dBm

IM: > 51 dB

3. Marking: manufacturer, date code

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4. Environment conditions: Corresponding to Vectron standard CF001

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edited by: ____________________________ name: ____________________________