Specification for monolithic crystal filter

1. General
1.1. Package:  

1.2. Type name: MQF 600.0400/02

1.3. Number of poles: 4

1.4. Operating temperature range: -20°C to +70°C

1.5. Storage temperature range: -45°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 60.0 MHz

2.2. Pass band

2.2.1. Bandwidth between 3 dB - frequencies: \( \geq f_0 \pm 2.0 \) kHz

2.2.2. Ripple: \( \leq 1.0 \) dB at \( f_0 \pm 1.0 \) kHz

2.2.3. Insertion loss: \( \leq 6.0 \) dB  

( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. \( f_0 \pm 12 \) kHz: \( \geq 30 \) dB

2.3.2. Alternate attenuation: \( \geq 40 \) dB (except spurious)

2.3.3. Spurious responses: \( \geq 25 \) dB

2.4. Terminating impedance (input and output): 2000 \( \Omega \) // 0.2 pF

2.4.1. Coupling capacitance \( C_c \): 0.4 pF

3. Marking:  

manufacturer, date code

600.0400  
/02

OEM marking on demand

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: date: ___________________ name: ___________________