Specification for monolithic crystal filter: MQF 10.6979-0300/02

1. General
1.1. Package:

1.2. Type name: MQF 10.6979-0300/02
1.3. Number of poles: 6
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: 10.69790 MHz

2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: \( \geq fo \pm 1.3 \) kHz
2.2.2. Ripple: \( \leq 2.0 \) dB at \( fo \pm 1.1 \) kHz
2.2.3. Insertion loss: \( \leq 3.0 \) dB
( measured on smallest attenuation in pass band )

2.3. Stop band
2.3.1. \( fo \pm 5 \) kHz \( \geq 60 \) dB
2.3.2. Alternate attenuation: \( \geq 85 \) dB ( except spurious )

2.4. Terminating impedance ( input and output ): 100 \( \Omega // 0 \) pF
2.5. Maximum input power level: +10 / +20 ( working / non-damaged )
2.6. Intermodulation:
   frequency 1: 10.6989 MHz
   frequency 2: 10.6969 MHz
   input power level at pin 1( input ): 0 dBm
   IM (IP3 > +33 dBm): > 66 dB (referred to input power level)

3. Marking: manufacturer, date code
            MQF 10.6979-0300/02

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: _____________________________  name: ______________________________