Specification for monolithic crystal filter series MQF 130………180-1500/B

1. General
1.1. Package:

1.2. Type name: MQF 1xx.xxx-1500/B
1.3. Number of poles: 6
1.4. Operating temperature range: -20°C to +70°C
1.5. Storage temperature range: -30°C to +80°C

2. Electric values
2.1. Nominal center frequency fo: 130………180 MHz T.B.D. by customer for each order
2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: ≥ fo ± 7.5 kHz
2.2.2. Ripple: ≤ 1.0 dB at fo ± 5.0 kHz
2.2.3. Insertion loss: ≤ 8.0 dB
   (measured on smallest attenuation in pass band)
2.3. Stop band
2.3.1. fo ± 25 kHz ≥ 20 dB
2.3.2. fo ± 60 kHz ≥ 60 dB
2.3.3. Alternate attenuation ≥ 60 dB (except spurious)
2.3.4. Spurious responses: ≥ 40 dB at frequencies > fo + 60 kHz
2.4. Terminating impedance (input and output): 50 Ω // 0 pF

3. Marking:
   manufacturer, date code
   MQF 1xx.xxx-1500/B
   e.g. for center frequency 139.325 MHz filter part description is: MQF139.325-1500/B

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ____________________________  date: ______________  name: ____________________________