Specification for monolithic crystal filter series MQF 100…134-1500/M

1. General
1.1. Package:

1.2. Type name: MQF 1xx.xxx-1500/M
1.3. Number of poles: 4
1.4. Operating temperature range: -20°C to +70°C
1.5. Storage temperature range: -35°C to +85°C

2. Electric values
2.1. Nominal center frequency fo: 100….131 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 ± 4.0 kHz
   2.2.3. Insertion loss: < 6.0 dB
      ( measured on smallest attenuation in pass band )
2.3. Stop band
   2.3.1. fo ± 30 kHz > 20 dB
   2.3.2. fo ± 60 kHz > 40 dB
   2.3.3. Alternate attenuation > 50 dB ( except spurious )
   2.3.4. Spurious responses ( f > fo + 60 kHz ): < 10 dB
2.4. Terminating impedance ( input and output ): 50 Ω // 0 pF
2.5. Maximum input power level: -10 dBm ( working/non-damaged )

3. Marking:
   manufacturer, date code
   MQF 1xx.xxx-1500/M
   e.g. for center frequency 119.325 MHz filter part description is: MQF119.325-1500/M

4. Environment conditions:
   Corresponding to Vectron standard CF001

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Edited by: ___________________________ date: ________________ name: ___________________________