Speciﬁcation for monolithic crystal ﬁlter: MQF 45.0 - 1500/59

1. General
1.1. Package:

1.2. Type name: MQF 45.0-1500/59
1.3. Number of poles: 4
1.4. Operating temperature range: -20°C to +70°C
1.5. Storage temperature range: -35°C to +80°C

2. Electric values
2.1. Nominal centre frequency fo: 45.0 MHz
2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 7.5 kHz
2.2.2. Ripple: < 1.5 dB at fo ± 5.0 kHz
2.2.3. Insertion loss: < 4.0 dB
   (measured on smallest attenuation in pass band)
2.3. Stop band
2.3.1. fo ± 23 kHz > 25 dB
2.3.2. Alternate Attenuation: > 70 dB
2.4. Terminating impedance R/C (input and output): 50 Ω // 0 pF

3. Marking: 
   manufacturer, date code
   MQF 45.0-1500/59

4. Environment conditions: 
   Corresponding to Vectron standard CF001

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Edited by: date: __________________________ name: __________________________