Specification for monolithic crystal filter: MQF 45.0 - 2000 / 19

03 October 2006

1. General
1.1. Package:

1.2. Type name: MQF 45.0-2000/19
1.3. Number of poles: 4
1.4. Operating temperature range: -30°C to +70°C
1.5. Storage temperature range: -55°C to +125°C

2. Electric values
2.1. Nominal centre frequency f0: 45.0 MHz
2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: > f0 ± 10 kHz
2.2.2. Ripple: < 1.0 dB at f0 ± 8.0 kHz
2.2.3. Insertion loss: < 3.0 dB
   (measured on smallest attenuation in pass band)
2.3. Stop band
2.3.1. f0 ± 25 kHz > 25 dB
2.3.2. Alternate Attenuation f0 - 910 kHz > 80 dB
2.3.3. Spurious response > 25 dB
2.4. Terminating impedance R/C (input and output): 1000 Ω // 1.6 pF
2.4.1. Coupling capacitance (Cc): 5 pF
2.5. Maximum Input power level: -10 / +10 dBm (working/non-damaged)
3. Marking: M45B7 date code
4. Environment conditions: Corresponding to Vectron standard CF001
5. Filters are Pb-free and 2002 /95 / EC RoHS compliant

______________________________
Edited by: ____________________________ name: ____________________________