Specification for monolithic crystal filter: MQF 21.4-0750/16

1. General
1.1. Package:

1.2. Type name: MQF 21.4-0750/16
1.3. Number of poles: 4
1.4. Operating temperature range: -25°C to +70°C
1.5. Storage temperature range: -40°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 21.4 MHz

2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 3.75 kHz
2.2.2. Ripple: < 1.0 dB at fo ± 3.0 kHz
2.2.3. Insertion loss: > 2.5 dB
( measured on smallest attenuation in pass band )

2.3. Stop band
2.3.1. fo ± 14.0 kHz > 40 dB
2.3.2. fo – 200…1000 kHz > 80 dB
2.3.3. fo + 350…1000 kHz > 65 dB (except spurious)

2.4.1. Terminating impedance (input and output): 850 Ω // 5.0 pF
2.4.2. Coupling capacitance Cc: 16 pF

3. Marking: manufacturer, date code
21.4-
0750/16

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: ________________________ name: ________________________