1. General
1.1. Package:

1.2. Type name: MQF 21.4-2500/07
1.3. Number of poles: 8
1.4. Operating temperature range: -40°C to +85°C
1.5. Storage temperature range: -45°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 ± 12.5 kHz
2.2.2. Ripple: < 2.0 dB at fo ± 10 kHz
2.2.3. Insertion loss: < 3.5 dB
( measured on smallest attenuation in pass band )

2.3. Stop band
2.3.1. fo ± 30 kHz > 70 dB
2.3.2. fo ± 40 kHz………± 500 kHz: > 90 dB
2.3.3. Spurious responses: > 60 dB

2.4. Terminating impedance ( input and output ): 50 Ω // 0 pF

2.5. Maximum input power level: +10 dBm ( +20 dBm without destruction )
2.6. Level linearity vs. input power at 21.4 MHz < 0.15 dB ( input power range -40 to 0 dBm )

3. Marking:

VECTRON YYWW
MQF 21.4-2500/07

top view

4. Environment conditions: Corresponding to Vectron standard CF003

Edited by: ________________________________ date: ________________________________ name: ________________________________