Specification for crystal filter:  **Q F 2 1 . 4 - 1 0 0 0 0 / 0 8**

1. General

1.1. Package:

![Diagram of package](image)

1.2. Type name: QF 21.4-10000/08

1.3. Number of poles: 6

1.4. Operating temperature range: -30°C to +70°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 ± 45 kHz
- < fo ± 55 kHz

2.2.2. Ripple: < 1.5 dB at fo ± 30 kHz

2.2.3. Insertion loss: < 4.0 dB

( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. fo ± 155 kHz: > 60 dB

2.3.2. Alternate attenuation: > 60 dB ( except spurious )

2.3.3. Spurious responses at fo+125kHz to fo+1.0 MHz: > 35 dB

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

3. Marking:

manufacturer, date code

QF 21.4-10000/08

4. Environment conditions:

Corresponding to Vectron standard CF001

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Edited by: ____________________________  date: ____________  name: ____________________________