Specification for monolithic crystal filter:  MQF 21.4-1500/14

1. General
1.1. Package:

bottom view

package GM3

max 25,1

max 14,1

1.2. Type name: MQF 21.4-1500/14
1.3. Number of poles: 8
1.4. Operable temperature range: -30°C to +80°C
1.5. Operating temperature range: -25°C to +70°C
1.6. Storage temperature range: -55°C to +80°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: \(\geq fo \pm 7.5 \text{ kHz}\)
2.2.2. Ripple: \(\leq 2.0 \text{ dB at } fo \pm 6.0 \text{ kHz}\)
2.2.3. Insertion loss: \(\leq 4.0 \text{ dB}\)

( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. \(fo \pm 17.5 \text{ kHz}\) \(\geq 65 \text{ dB}\)
2.3.2. \(fo \pm 25 \text{ kHz}.........\pm 300 \text{ kHz}\) \(\geq 90 \text{ dB}\)

2.4. Terminating impedance ( input and output ): 470 \(\Omega \) // 15 pF

3. Marking: manufacturer, date code MQF 21.4-1500/14

4. Environment conditions: Corresponding to Vectron standard CF001

Edited by: _____________________________  name: ________________________________