Specification for monolithic crystal filter:  

**MQF 21.4 - 2200/11**

1. General

1.1. Package:

![Package Diagram]

1.2. Type name: MQF 21.4-2200/11

1.3. Number of poles: 8

1.4. Operating temperature range: -40°C to +80°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 6 dB - frequencies: \( \geq fo \pm 11 \text{ kHz} \)

2.2.2. Ripple: \( \leq 2.0 \text{ dB at } fo \pm 8 \text{ kHz} \)

2.2.3. Insertion loss: \( \leq 3.0 \text{ dB} \)  
( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. \( fo \pm 25 \text{ kHz} \) \( \geq 60 \text{ dB} \)

2.3.2. Alternate attenuation \( \geq 60 \text{ dB} \) ( except spurious )

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

3. Marking:

![Marking Diagram]

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MQF 21.4-2200/11

4. Environment conditions: Corresponding to Vectron standard CF001

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Edited by: ________________________________ name: ________________________________