Specification for monolithic crystal filter: **MQF 21.4-2200/08**

1. **General**
   1.1. Package:

   ![Diagram of the package]

   1.2. Type name: MQF 21.4-2200/08
   1.3. Number of poles: 8
   1.4. Operable temperature range: -25°C to +80°C
   1.5. Operating temperature range: -20°C to +70°C
   1.6. Storage temperature range: -35°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: \( \geq f_0 \pm 11.0 \) kHz
   2.2.2. Ripple (at \( f_0 \pm 8.8 \) kHz) \( \leq 2.0 \) dB
   2.2.3. Insertion loss: \( \leq 3.5 \) dB

   (measured on smallest attenuation in pass band)

2.3. **Stop band**

   2.3.1. \( f_0 \pm 25 \) kHz \( \geq 70 \) dB
   2.3.2. \( f_0 \pm 35 \) kHz........... ± 5 MHz \( \geq 90 \) dB

2.4. Terminating impedance (input and output): 910 \( \Omega / 25 \) pF

3. Marking:

   - Manufacturer, date code
   - 21.4-2200/08
   - XFM 214S155

4. Environment conditions:

   Corresponding to Vectron standard CF001

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Edited by: __________________________ name: __________________________