Specification for monolithic crystal filter: \textbf{MQF 21.4-5000/08}

1. General
1.1. Package:

\begin{itemize}
  \item Type name: MQF 21.4-5000/08
  \item Number of poles: 8
  \item Operating temperature range: -40°C to +80°C
  \item Storage temperature range: -45°C to +85°C
\end{itemize}

2. Electric values

2.1. Nominal centre frequency \( f_0 \): 21.4 MHz

2.2. Pass band

2.2.1. Bandwidth between 6 dB - frequencies: \( \geq f_0 \pm 25 \) kHz
2.2.2. Ripple: \( \leq 2.0 \) dB at \( f_0 \pm 20 \) kHz
2.2.3. Insertion loss:
\( \leq 4.0 \) dB
( measured on smallest attenuation in pass band )

2.3. Stop band

2.3.1. \( f_0 \pm 50 \) kHz \( \geq 60 \) dB
2.3.2. Alternate attenuation \( \geq 60 \) dB ( except spurious )

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

3. Marking:

manufacturer, date code MQF 21.4-5000/08

4. Environment conditions:

Corresponding to Vectron standard CF001

\begin{center}
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Edited by: ____________________________ date: ____________

name: ____________________________