Specification for monolithic crystal filter: **MQF 10.7-0840/08V0**

1. **General**

1.1. Package:

1.2. Type name: MQF 10.7-0840/08V0

1.3. Number of poles: 10

1.4. Operating temperature range: -20°C to +85°C

1.5. Storage temperature range: -35°C to +85°C

2. **Electric values**

2.1. Nominal centre frequency $f_0$: 10.7 MHz

2.2. **Pass band**

2.2.1. Centre frequency $f_c$: 10.7 MHz ± 500 Hz

2.2.2. Bandwidth between 3 dB - frequencies: $\geq f_0 \pm 4.2$ kHz

2.2.3. Ripple (at $f_0 \pm 3.15$ kHz): $\leq 1.0$ dB

2.2.4. Insertion loss: $\leq 3.5$ dB

( measured on smallest attenuation in pass band )

2.3. **Stop band**

2.3.1. $f_0 \pm 8.5$ kHz $\geq 60$ dB

2.3.2. $f_0 \pm 10.5$ kHz $\geq 80$ dB

2.3.3. Alternate attenuation: $\geq 80$ dB

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

3. **Marking:**

manufacturer, date code

MQF 10.7-0840/08V0

4. **Environment conditions:**

Corresponding to Vectron standard CF001

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Edited by: ____________________________  name: ________________________________