1. **General**

1.1. Package: 4 x GH 3 (each filter consists of 4 pcs. of matched duals)

1.2. Type name: MQF 10.7-0630/08

1.3. Number of poles: 8

1.4. Operating temperature range: -40°C to +85°C

1.5. Storage temperature range: -55°C to +105°C

2. **Electric values**

2.1. Nominal centre frequency fo: 10.7 MHz

2.2. **Pass band**

2.2.1. Bandwidth between 6 dB - frequencies: \( \geq f_o \pm 3.15 \text{ kHz} \)

2.2.2. Ripple: \( \leq 2.0 \text{ dB at } f_o \pm 2.5 \text{ kHz} \)

2.2.3. Insertion loss: \( \leq 4.0 \text{ dB} \)

2.2.4. Group delay distortion: \( < 160 \mu \text{s at } f_o \pm 2.5 \text{ kHz} \)

2.3. **Stop band**

2.3.1. \( f_o \pm 7.0 \text{ kHz} \) \( \geq 60 \text{ dB} \)

2.3.2. \( f_o \pm 8.33 \text{ kHz} \) \( \geq 75 \text{ dB} \)

2.3.3. \( f_o \pm 25 \text{ kHz} \) Alternate attenuation: \( \geq 90 \text{ dB} \) (except spurious)

2.4. Terminating impedance (input and output): 2100 \( \Omega \) // 2.5 pF

2.4.1. Coupling capacitance Ck1, Ck3: 9.2 pF

Ck2: 10.4 pF

3. **Marking:**

manufacturer, date code

MQF 10.7-0630/08

4. **Environment conditions:**

Corresponding to Vectron standard CF001

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Edited by: ____________________________ name: ____________________________