1. General
1.1. Package: 2 x GH 9 (each filter consists of a pair of two matched duals)

1.2. Type name: MQF 70.0-2000/07
1.3. Number of poles: 4
1.4. Operating temperature range: -40°C to +85°C
1.5. Storage temperature range: -45°C to +85°C

2. Electric values
2.1. Nominal centre frequency \( f_0 \): 70.0 MHz
2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: \( \geq f_0 \pm 10.0 \) kHz
2.2.2. Ripple: \( \leq 2.0 \) dB at \( f_0 \pm 8.0 \) kHz
2.2.3. Insertion loss: \( \leq 3.0 \) dB (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. \( f_0 \pm 40 \) kHz \( \geq 35 \) dB
2.3.2. \( f_0 \pm 910 \) kHz \( \geq 70 \) dB
2.3.3. Spurious responses: \( \geq 30 \) dB

2.4. Terminating impedance (input and output): 3500 \( \Omega \) // -0.7 pF
2.4.1. Coupling capacitance \( C_c \): -1.0 pF

3. Marking: manufacturer, date code 70.0-2000/07

4. Environment conditions: Corresponding to Vectron standard CF001

---

Edited by: __________________________ date: __________________________ name: __________________________