1. General
   1.1. Package: 2 x GH 12

   1.2. Type name: MQF 45.0-3800/09
   1.3. Number of poles: 4
   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 +80°C

2. Electric values
   2.1. Nominal centre frequency fo: 45.0 MHz

2.2. Pass band
   2.2.1. Bandwidth between 6 dB - frequencies: ≥ fo ± 19.0 kHz
   2.2.2. Ripple: Gaussian
   2.2.3. Group delay distortion: ≤ 15 µs at fo ± 19.0 kHz
   2.2.4. Insertion loss: ≤ 3.0 dB
       (measured on smallest attenuation in pass band)

2.3. Stop band
   2.3.1. fo ± 38 kHz: ≥ 25 dB
   2.3.2. fo ± 75 kHz: ≥ 50 dB
   2.3.3. Spurious responses: ≥ 15 dB

2.4. Terminating impedance
   Input: 900 Ω // 1 pF (marked with color dot)
   Output: 800 Ω // 2 pF

2.4.1. Coupling capacitance Cc: 6.5 pF

3. Marking:
   manufacturer, date code
   45.0-3800/09

4. Environment conditions:
   Corresponding to Vectron standard CF001

Edited by: ____________________________  date: ____________________________  name: ____________________________