Specification for monolithic crystal filter:  **MQF 25.34-3000/06**

1. General

1.1. Package:

**Bottom view**

**GS 25**

**Top view**

**Footprint for package GS 25**

- Pin connection:
  - #1: Input
  - #3: Output
  - All other pads: GND

**Temperature (°C)**  
Reflow soldering: three times max.

- 260°C max.
- 260
- 217
- Max 300s
- 10.....30s
- 30.....150s
1.2. Type name: MQF 25.34-3000/06
1.3. Number of poles: 4
1.4. Operating temperature range: -40°C to +85°C
1.5. Storage temperature range: -55°C to +85°C

2. Electric values
2.1. Nominal centre frequency fo: 25.34 MHz

2.2. Pass band
2.2.1. Bandwidth between 3 dB - frequencies: > fo ± 15 kHz
2.2.2. Ripple in pass band (fo ± 10 kHz): < 1.0 dB (peak to peak)
2.2.3. Insertion loss (IL): < 3.5 dB (measured on smallest attenuation in pass band)

2.3. Stop band
2.3.1. fo ± 35 kHz: > 15 dB
2.3.2. fo ± 80 kHz: > 50 dB
2.3.3. Ultimate attenuation: > 80 dB (except spurious)

2.4. Terminating impedance (input and output): 50 Ω // 0 pF
2.5. Maximum input power (working / non-damaged): +10 dBm / +15 dBm

3. Marking:

4. Environment conditions: corresponding to Vectron standard CF001

5. Taping: 600 pcs. / reel maximum

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Edited by: __________________________ name: __________________________