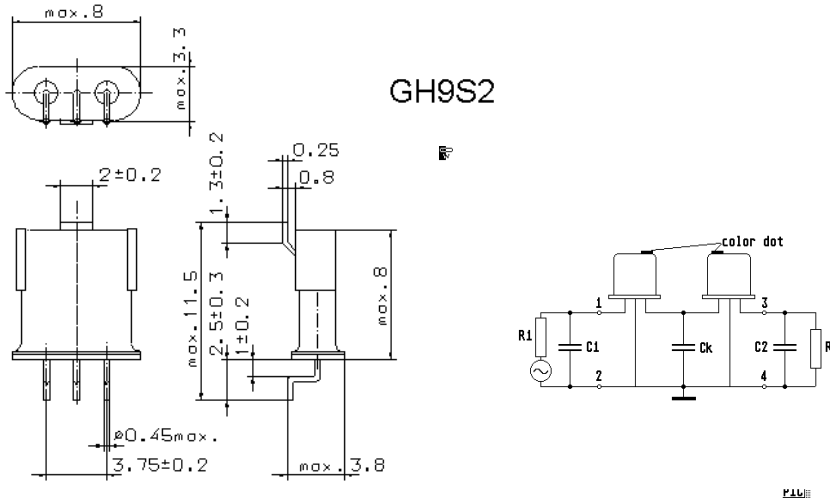


Specification for monolithic crystal filter:

MQF 40.5-4600/02V0

1. General

1.1. Case: 2 x GH 9S2



- 1.2. Type name: MQF 40.5-4600/02V0
- 1.3. Number of poles: 4
- 1.4. Operating temperature range: -40°C to 85°C
- 1.5. Storage temperature range: -55°C to 100°C

2. Electric values

- 2.1. Nominal centre frequency f_0 : 40.5 MHz
- 2.2. **Pass band**
 - 2.2.1. Bandwidth between 3 dB - frequencies: $\geq f_0 \pm 23.0$ kHz
 - 2.2.2. Ripple: ≤ 1.0 dB at $f_0 \pm 15$ kHz
 - 2.2.3. Insertion loss: ≤ 3.0 dB
(measured on smallest attenuation in pass band)
- 2.3. **Stop band**
 - 2.3.1. $f_0 \pm 100$ kHz: ≥ 20 dB (except spurious)
 - 2.3.2. $f_0 - 900$ kHz: > 70 dB
- 2.4. Terminating impedance R//C (input and output): $1600 \Omega // 0.5$ pF
 - 2.4.1. Coupling capacitance C_c : 1.8 pF
- 3. Marking on the case: firm, year week
40.5-4600/02V0
- 4. Environment conditions: Corresponding to Telefilter CF001

Edited by: _____ date: _____ name: _____