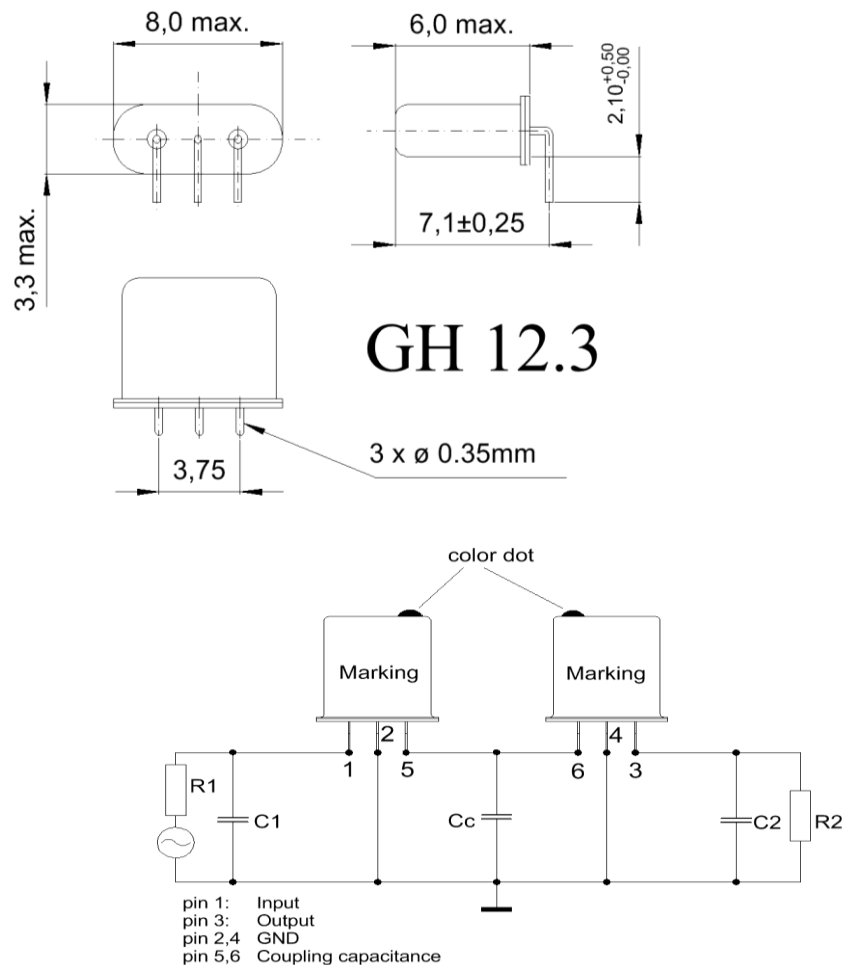


Specification for monolithic crystal filter:

MQF 70.0 - 1000 / 16

1. General

1.1. Package:



- | | | |
|------|------------------------------|------------------|
| 1.2. | Type name: | MQF 70.0-1000/16 |
| 1.3. | Number of poles: | 4 |
| 1.4. | Operating temperature range: | 0°C to +50°C |
| 1.5. | Storage temperature range: | -55°C to +105°C |

2. Electric values

- | | | |
|-------|----------------------------------|----------------|
| 2.1. | Nominal centre frequency f_0 : | 70.0 MHz |
| 2.1.1 | Center frequency | f_c at +25°C |
| | | f_c in OTR |

2.2. Pass band

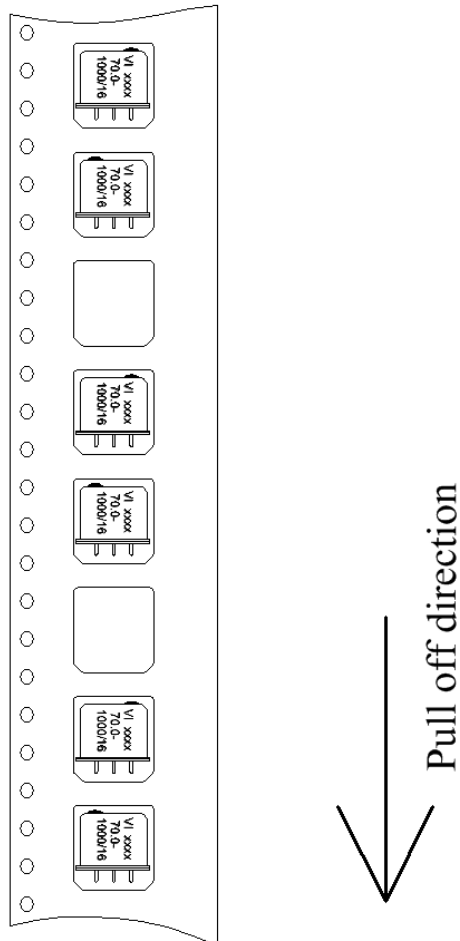
- | | | |
|--------|--|--|
| 2.2.1. | Bandwidth between 3 dB - frequencies: | $> f_c \pm 4.5$ kHz
$< f_c \pm 5.5$ kHz |
| 2.2.2. | Ripple: peak to peak | < 1.0 dB |
| 2.2.3. | Insertion loss:
(measured on smallest attenuation in pass band) | < 5.0 dB |

2.3. Stop band

- 2.3.1. $f_0 \pm 16$ kHz > 40 dB
2.3.2. Alternate attenuation > 70 dB (except spurious)
2.4. Terminating impedance R/C (input and output): $2300 \Omega // -0.3$ pF
2.4.1. Coupling capacitance C_C : 0.3 pF

3. Marking: manufacturer, date code
70.0-
1000/16

4. Taping: Taping for MQF 70.0-1000/16
maximum 200 pcs. / reel



5. Environment conditions: Corresponding to Vectron MIL Standard

Edited by: date: _____ name: _____