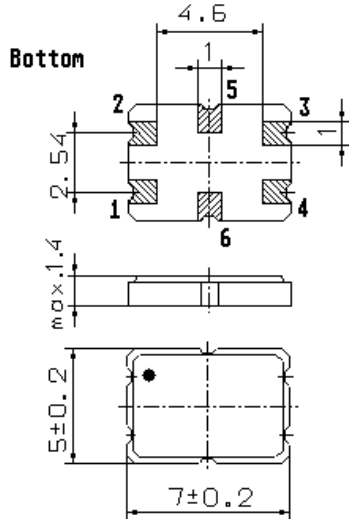


Specification for monolithic crystal filter:

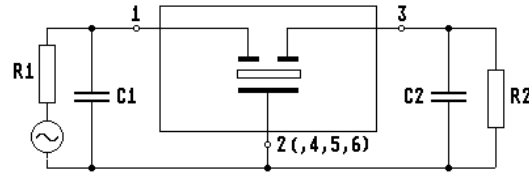
MQF 45.0-1600/08

1. General

1.1. Package:



GS 2



- | | |
|-----------------------------------|------------------|
| 1.2. Type name: | MQF 45.0-1600/08 |
| 1.3. Number of poles: | 2 |
| 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 fo: | 45.0 MHz |
|-----------------------------------|----------|

2.2. Pass band

- | | |
|---|--------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies: | > ± 8.0 kHz |
| 2.2.2. Ripple: | < 1.0 dB at fo ± 5.0 kHz |
| 2.2.3. Insertion loss: | < 3.0 dB |
| (measured on smallest attenuation in pass band) | |

2.3. Stop band

- | | |
|------------------------------|---------------------------|
| 2.3.1. fo ± 30 kHz | > 16 dB |
| 2.3.2. Alternate attenuation | > 45 dB (except spurious) |

- | | |
|--|-----------------|
| 2.4. Terminating impedance (input and output): | 600 Ω // 3.0 pF |
|--|-----------------|

- | | |
|---|---------|
| 2.5. Input power level for reference measurement: | -10 dBm |
|---|---------|

- | | |
|---|---------|
| 2.5.1. Maximum input power level without destruction: | +10 dBm |
|---|---------|

- | | |
|-------------|---------------|
| 3. Marking: | M45A2
yyww |
|-------------|---------------|

- | | |
|----------------------------|-------------------------------------|
| 4. Environment conditions: | according to Vectron standard CF001 |
|----------------------------|-------------------------------------|

Edited by: _____ date: _____ name: _____