

Monolithic crystal filter

MQF70.0-1000/08



Application

- 6 pol filter
- i.f.- filter
- use in mobile and stationary transceivers

Limiting values

| | | Unit | Value |
|-----------------------|--------------------|------|------------|
| Center frequency | f_0 | MHz | 70.0 |
| Insertion loss | | dB | ≤ 8.0 |
| Pass band at 3.0 dB | | kHz | ± 5.00 |
| Ripple in pass band | $f_0 \pm 3.00$ kHz | dB | ≤ 1.0 |
| Stop band attenuation | $f_0 \pm 17.5$ kHz | dB | ≥ 60 |
| Alternate attenuation | | dB | > 60 |
| Spurious response | | dB | > 50 |

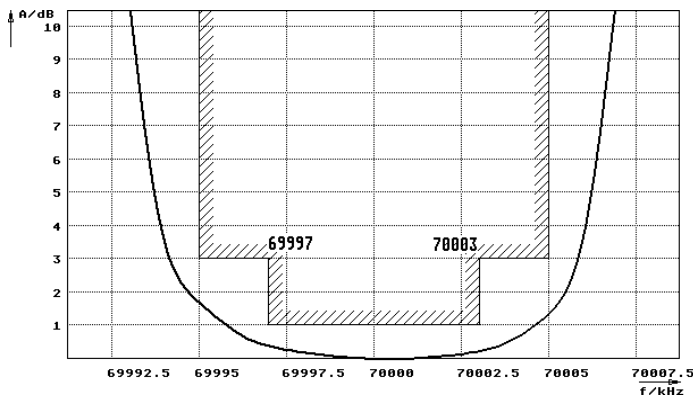
Terminating impedance Z

| | | |
|----------|--------|---------|
| R1 C1 | Ohm/pF | 50 0 |
| R2 C2 | Ohm/pF | 50 0 |

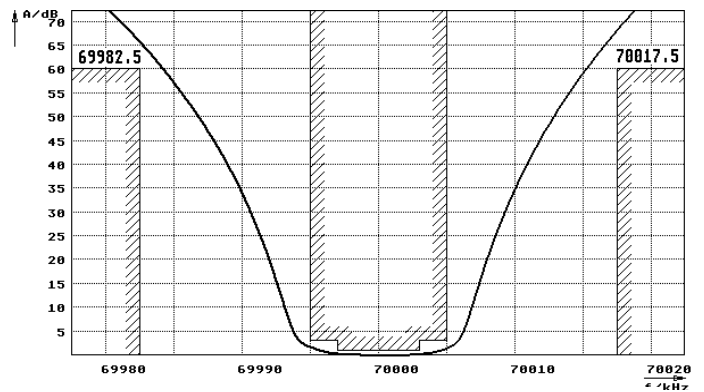
| | | |
|-----------------------|--------------------|-----------|
| Operating temp. range | $^{\circ}\text{C}$ | +0... +60 |
|-----------------------|--------------------|-----------|

Characteristics MQF70.0-1000/08

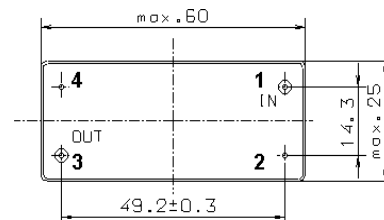
Pass band



Stop band



Pin connections: 1 Input
2 Input-E
3 Output
4 Output-E



GM34.2

