

Monolithic crystal filter

MQF69.98-0660/06



Application

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

Limiting values

| | | Unit | Value |
|------------------------|-------------------------------|---------|------------|
| Center frequency | f_0 | MHz | 69.98 |
| Insertion loss | | dB | ≤ 5.0 |
| Pass band at 2.0 dB | | kHz | ± 3.30 |
| Ripple in pass band | $f_0 \pm 3.30$ kHz | dB | ≤ 2.0 |
| Stop band attenuation | $f_0 \pm 17.3$ kHz | dB | ≥ 65 |
| Alternate attenuation | $f \pm 1$ MHz | dB | > 65 |
| Group delay distortion | $f_0 \pm 3.30$ kHz | μs | < 80 |
| IMD at 0 dBm | $f_0 \pm 50, f_0 \pm 100$ kHz | dB | > 64 |

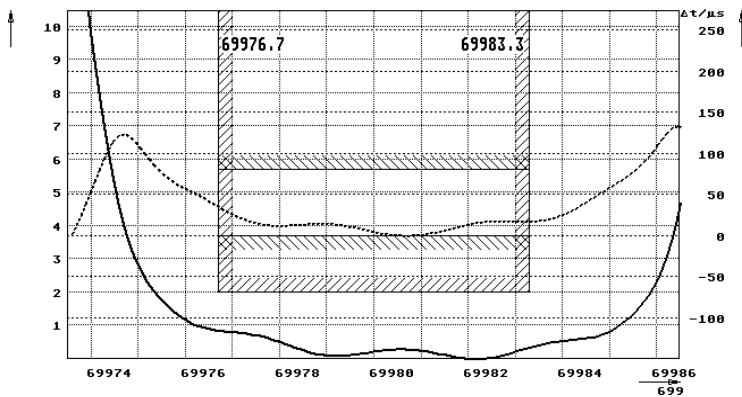
Terminating impedance Z

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

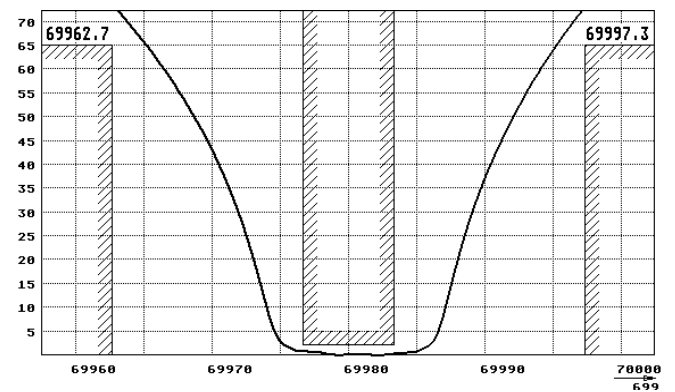
Operating temp. range °C -40... +75

Characteristics MQF69.98-0660/06

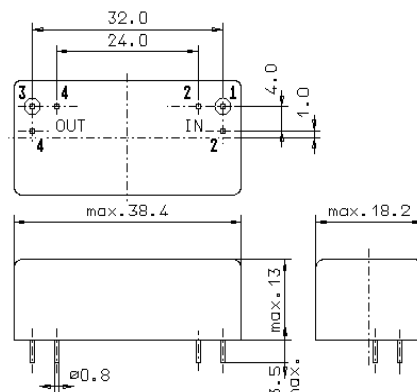
Pass band



Stop band



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



GM17