

Monolithic crystal filter

MQF45.0-1500/17



Application

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

Limiting values

		Unit	Value
Nominal frequency	f_0	MHz	45.0
Insertion loss		dB	< 2.0
Pass band at 3.0dB		kHz	$\pm > 7.5$
Ripple in pass band	$f_0 \pm 5 \text{ kHz}$	dB	< 1.0
Stop band attenuation	$f_0 \pm 28 \text{ kHz}$	dB	> 18
	$f_0 \pm 500 \text{ kHz}$	dB	> 40
Alternate attenuation	$f_0 - 910 \text{ kHz}$	dB	> 75
Spurious responses		dB	> 4

Terminating impedance Z

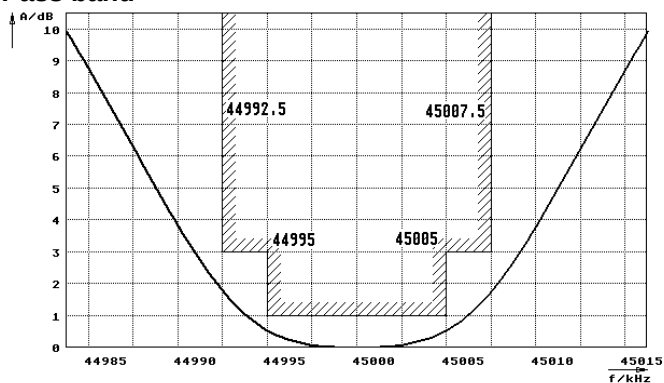
R1 C1	Ohm/pF	200 1
R2 C2	Ohm/pF	200 1

Operating temp. range
Storage temp. range
Environment conditions

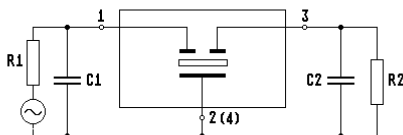
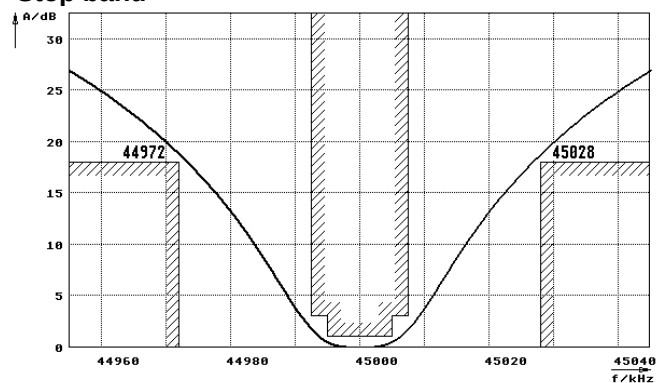
°C	-25... +70
°C	-45... +85
	according to CF001

Characteristics MQF45.0-1500/17

Pass band

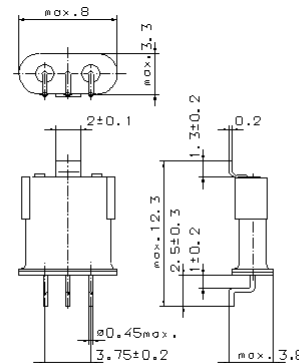


Stop band



Pin connections:

1	Input
2	Ground
3	Output
4	Ground



GH9S1

RoHS compliant