

Crystal filter

QF60.0-4000/02



Application

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

Limiting values

		Unit	Value
Center frequency	f_0	MHz	60.0
Insertion loss		dB	≤ 12.0
Pass band at 3.0 dB		kHz	$\pm \geq 20.00$
Ripple in pass band	$f_0 \pm 20.00$ kHz	dB	Gaussian
Stop band attenuation	$f_0 - 200$; $f_0 + 250$ kHz	dB	≥ 40
Alternate attenuation		dB	> 40 (except spurious)
Group delay	f_0	μs	< 18
Group delay distortion	$f_0 \pm 20$ kHz at 25°C	μs	< 2

Terminating impedance Z

R1 || C1

Ohm/pF 50 || 0

R2 || C2

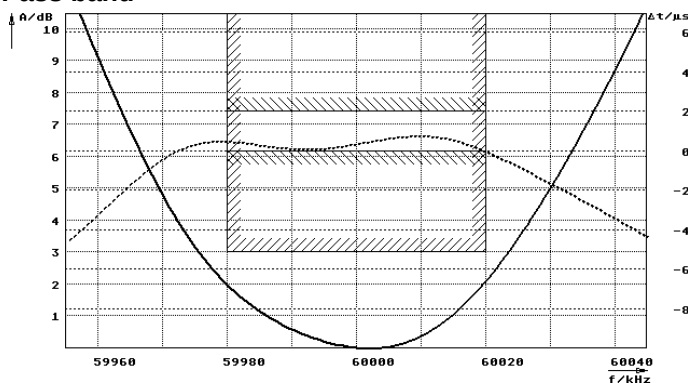
Ohm/pF 50 || 0

Operating temp. range

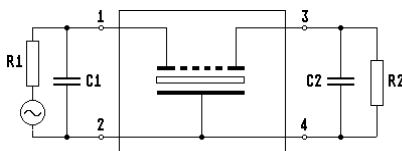
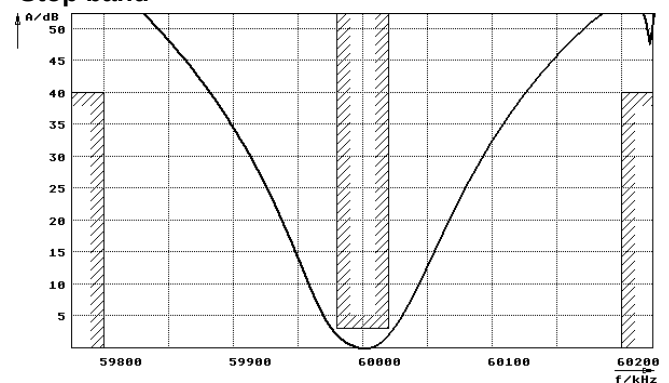
° C -20... +70

Characteristics QF60.0-4000/02

Pass band



Stop band



Pin connections:

- 1 Input
- 2 Ground-Input
- 3 Output
- 4 Ground-Output

