

Crystal filter

QF 2.5-U0290/04



Application

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

Limiting values		Unit	Value
Center frequency	f_0	MHz	2.5
Insertion loss		dB	≤ 4.0
Pass band at 6.0 dB		kHz	$+<0.3...>3.04$
Ripple in pass band	$f_0 + 0.59...2.375$ kHz	dB	≤ 2.0
at $-10...+55^\circ\text{C}$	$f_0 + 0.55...2.5$ kHz	dB	≤ 2.0
Stop band attenuation	$f_0 - 0.4$ kHz; $f_0 + 7.5$ kHz	dB	≥ 40
Alternate attenuation		dB	> 60 (except spurious)
Input power		mW	< 10

Terminating impedance Z

$R1 \parallel C1$

Ohm/pF 600 $\parallel$ 0

$R2 \parallel C2$

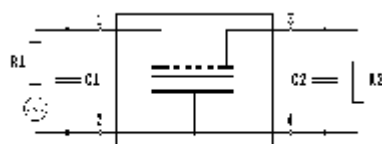
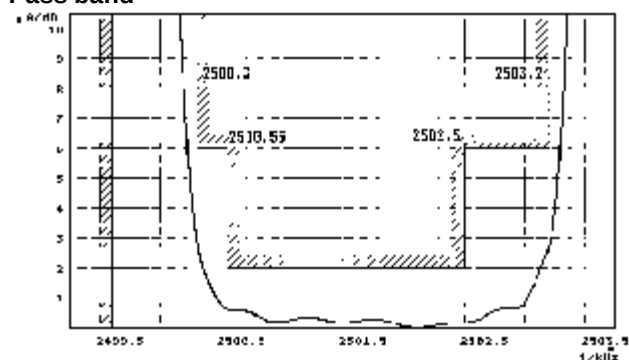
Ohm/pF 600 $\parallel$ 0

Operating temp. range

$^\circ\text{C}$ -25... +70

Characteristics QF 2.5-U0290/04

Pass band



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

Stop band

