Crystal filter
QF21.4-20000/06

VECTRON INTERNATIONAL
A DOVER TECHNOLOGIES COMPANY

Application

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

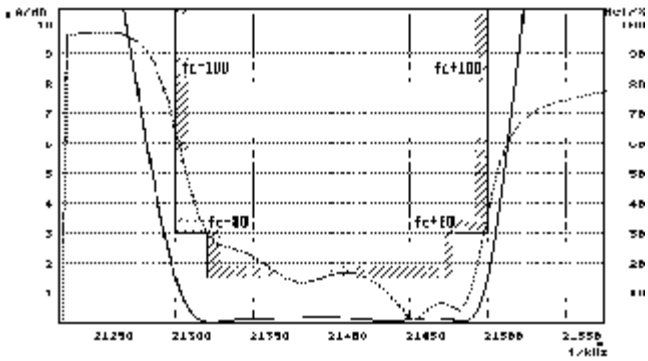
Limiting values		**Unit**	**Value**
Nominal frequency	fo	MHz	21.4
Centre frequency	fc	MHz	21.4 ± 7.5 kHz
Insertion loss		dB	< 8.0
Pass band at 3.0dB		kHz	±> 100
Ripple in pass band	fc ± 80 kHz	dB	< 1.5
Stop band attenuation	fc ± 400 kHz	dB	> 60 except spurious
Alternate attenuation	fo ± 2.5...5 MHz	dB	> 90 except spurious
Spurious response		dB	> 55
Return loss	fo ± 80 kHz	dB	> 9
IP3 (input)	fo±200; fo±400 kHz	Bm	> 30

Terminating impedance Z		
R1||C1	Ohm/pF	50 || 0
R2||C2	Ohm/pF	50 || 0

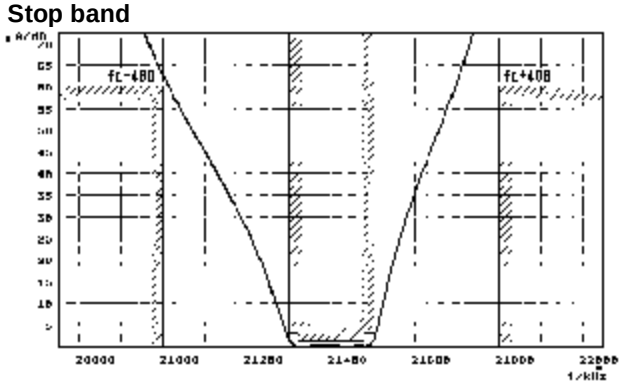
Operating temp. range	°C	-10... +70

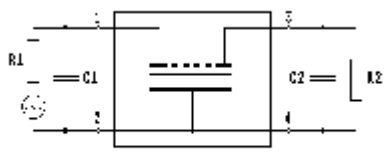
Characteristics QF21.4-20000/06

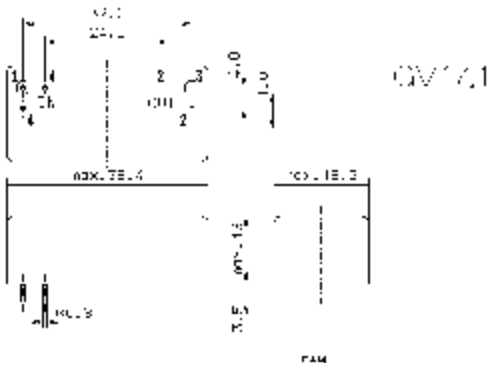
Pass band



Stop band







Pin connections:

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

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