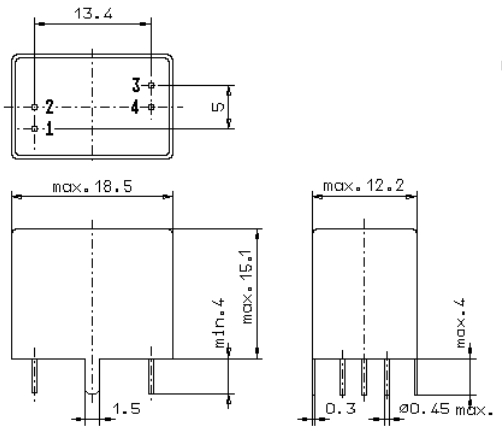
VECTRON INTERNATIONAL
A DOVER COMPANY

15 October 1997

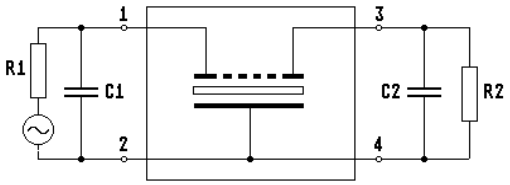
Specification for monolithic crystal filter: **M Q F 1 0 . 7 - 1 2 0 0 / 0 4**

1. General

1.1. Case:



GV5.1



1.2.	Type name:	MQF 10.7-1200/04
1.3.	Number of poles:	8
1.4.	Operable temperature range:	-30°C to +80°C
1.5.	Operating temperature range:	-20°C to +70°C
1.6.	Storage temperature range:	-45°C to +85°C

2. Electric values

2.1.	Nominal centre frequency fo:	10.7 MHz
2.2.	**Pass band**	
2.2.1.	Bandwidth between 3 dB - frequencies:	≥ fo ± 6.0 kHz
2.2.2.	Ripple:	≤ 2.0 dB at fo ± 4.0 kHz
2.2.3.	Insertion loss: (measured on smallest attenuation in pass band)	≤ 4.0 dB
2.3.	**Stop band**	
2.3.1.	fo ± 14 kHz	≥ 70 dB
2.3.2.	fo ± 20 kHz.....± 300 kHz	≥ 90 dB
2.4.	Terminating impedance (input and output):	2800 Ω // 1.5 pF
3.	Marking on the case:	Manufacturer, date code 10.7-1200/4
4.	Environment conditions:	Corresponding to Telefilter CF001

Edited by: date: _____ name: _____