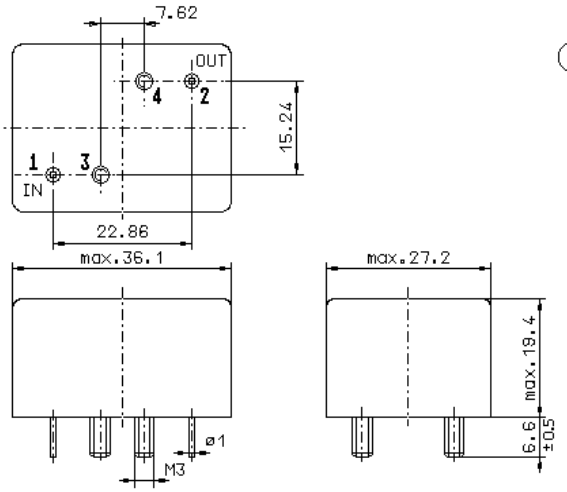
28 January 2010

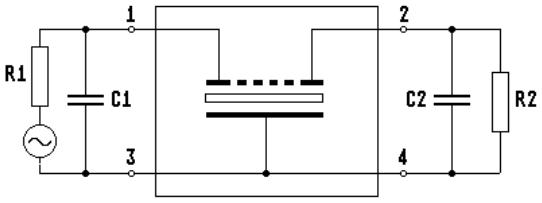
Specification for monolithic crystal filter: **M Q F 1 0 . 7 - 0 3 0 0 / 0 9**

1. General

1.1. Package:



GM11.0



1.2.	Type name:	MQF 10.7-0300/09
1.3.	Number of poles:	8
1.4.	Operating temperature range:	-55°C to +100°C
1.5.	Storage temperature range:	-60°C to +105°C

2. Electric values

2.1.	Nominal centre frequency fo:	10.7 MHz
2.2.	**Pass band**	
2.2.1.	Centre frequency fc:	10.7 MHz ± 320 Hz
2.2.2.	Bandwidth between 6 dB - frequencies:	> fc ± 1.5 kHz
2.2.3.	Ripple in pass band (peak to peak):	< 1.0 dB
2.3.4.	Absolute phase at fo (at +25°C):	0 deg. ± 27 deg.
2.2.5.	Insertion loss: (measured on smallest attenuation in pass band)	< 6.0 dB
2.3.	**Stop band**	
2.3.1.	fc ± 3.5 kHz	> 60 dB
2.3.2.	fc ± 4.5 kHz.....1.0 MHz	> 80 dB
2.3.3.	Guaranteed attenuation:	> 90 dB
2.4.	Terminating impedance (input and output):	1000 Ω // 0 pF
2.5.	Maximum drive level (working / non-damaged):	+10 dBm / +25 dBm
3.	Marking:	manufacturer, date code MQF 10.7-0300/09
4.	Environment conditions:	Corresponding to MCHP general test procedure MCF-Com

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