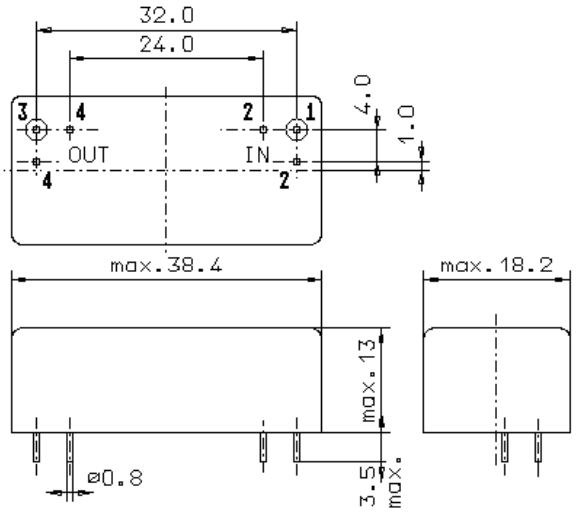
29 May 2012

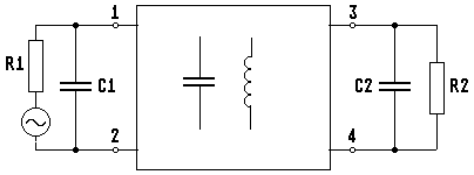
Specification for LC band pass filter: **L C 2 1 . 4 - 1 . 0 / 0 4**

1. General

1.1. Package:



GM17



1.2.	Type name:	LC 21.4-1.0/04
1.3.	Number of poles:	4
1.4.	Operating temperature range:	-40°C to +85°C
1.5.	Storage temperature range:	-55°C to +85°C

2. Electric values

2.1.	Nominal centre frequency fo:	21.4 MHz
2.2.	**Pass band**	
2.2.1.	Bandwidth between 3 dB - frequencies:	≥ fo ± 500 kHz
2.2.2.	Ripple:	≤ 1.5 dB peak to peak
2.2.3.	Insertion loss at -40°C……..+25°C:	≤ 4.0 dB
	in operating temperature range	≤ 5.5 dB
2.3.	**Stop band**	
2.3.1.	fo ± 4.5 MHz	≥ 60 dB
2.3.2.	Alternate attenuation:	≥ 80 dB
2.4.	Terminating impedance (input and output):	50 Ω // 0 pF
2.5.	Maximum input power level:	+25 dBm
3.	Marking:	manufacturer, date code LC 21.4-1.0/04

Edited by: date: _____ name: _____