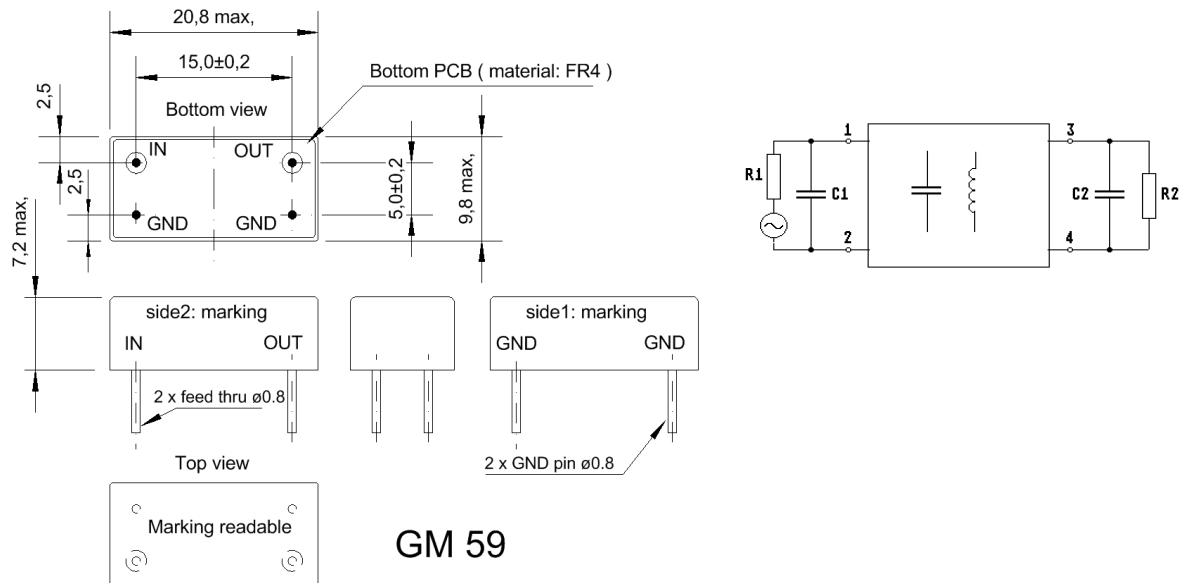


Specification for LC bandpass filter: **LC 120.0-3.0/03**
1. General

1.1. Package:



1.2. Type name:	LC 120.0-3.0/03
1.3. Number of poles:	3
1.4. Operating temperature range (OTR):	-20°C to +70°C
1.5. Operating temperature range:	-45°C to +85°C

2. Electric values

2.1. Nominal centre frequency fo:	120.0 MHz
2.1.1. Center frequency shift in OTR :	13 kHz /°C typical
2.2. Pass band	
2.2.1. Centre frequency fc at +25°C:	120.0 MHz ± 300 kHz
2.2.2. Bandwidth at 3 dB:	< 4.0 MHz and > 3.0 MHz
2.2.3. Ripple in pass band:	Gaussian (no ripple peak to peak)
2.2.4. Insertion loss:	< 10.0 dB (in OTR)
typical at -20°C / +25°C / +70 °C:	6.5dB / 7.5dB / 8.5dB
2.2.5. Return loss at fo:	> 12 dB
2.3. Stop band	
2.3.1. Bandwidth at 10 dB:	< 6.5 MHz and > 5.5 MHz
2.3.2. Bandwidth at 60 dB:	< 50 MHz
2.3.3. Bandwidth at 80 dB:	< 105 MHz
2.3.4. Alternate attenuation:	> 60 dB in the range 145...800 MHz
2.4. Terminating impedance (input and output):	50 Ω // 0 pF
2.5. Maximum input power level:	+20 dBm
3. Marking:	manufacturer, date code LC 120.0-3.0/03 (see above 1.1.)
4. Environment conditions:	Corresponding to Vectron CF001

Edited by: _____ date: _____ name: _____