

IF filter module Data Sheet: VCF1003B

Application: PCS

1.0 DESCRIPTION AND APPLICATION

Single IF filter module

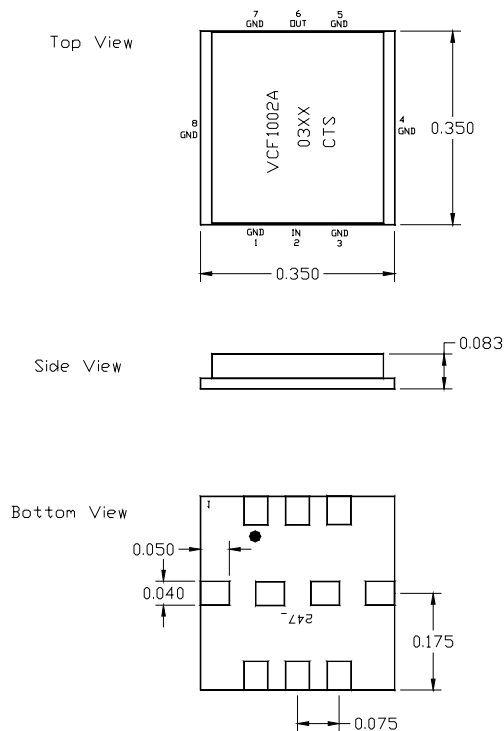
2.0 ELECTRICAL CHARACTERISTICS

	<u>Specification</u>	<u>Min</u>	<u>Typ</u>	<u>Max</u>	<u>Units</u>
2.1	Fc...		275		MHz
2.2	Operating temperature range	-10		85	degC
2.3	Pass-band Insertion loss Fc -7.5 MHz...Fc+7.5 MHz			4.5	dB
2.4	Amplitude ripple Fc-30 MHz...Fc+30 MHz			1.5	dB
2.5	Deviation from linear phase Fc -30 MHz..Fc+30 MHz			15	deg
2.6	Relative attenuation..				
2.6.1	9 kHz to 185 MHz	15			dB
2.6.2	185 MHz	15			dB
2.6.3	185 MHz to 200 MHz	15 to 10			dB
2.6.4	200 MHz	10			dB
2.6.5	200 MHz to 209 MHz	5			dB
2.6.6	365 MHz to 370 MHz	27.5			dB
2.6.7	370 MHz to 450 MHz	15			dB
2.6.8	450 MHz to 2 GHz	30			dB
2.7	Impedance		50		ohms
2.8	Return loss				
	Fc- 7.5 MHz ...Fc+ 7.5 MHz	-10			dB
2.9	Max. input power...				
2.9.1	Long term average			5	dBm
2.9.2	Peak			15	dBm

3.0 MECHANICAL CHARACTERISTICS

3.1 Pkg. size is .350" x .350" x .083" max.

All Dimensions are in Inches



3.2 Shipping method - Tape and Reel (Nominal Dimensions Drawing Below)

3.2.1 Tape width 24 mm, pitch 24 mm, as per EIA 481-2, 1000 units per reel max