

Microwave Frequency Multiplier

Applications:

- Multiplication of Pulsed or FM signals
- High Spurious Rejection
- Highly Reliable and Rugged
- Reverse Polarity Protection
- Overvoltage Protection
- Designed for Rough Handling
- Up to 1 GHz input frequency



Specifications:

Output Frequencies:	1.01 GHz to 12 GHz
Input Frequencies:	up to 1 GHz maximum
Operating Temperature:	0° C to +50° C
Harmonic Rejection:	-60 dBc
Sub-Harmonic:	-45 dBc
Spurious:	-90 dBc
Operating Voltage:	See Selection Chart
Connectors:	SMA-F (2) & Filtercon
Size:	See Selection Chart on Reverse

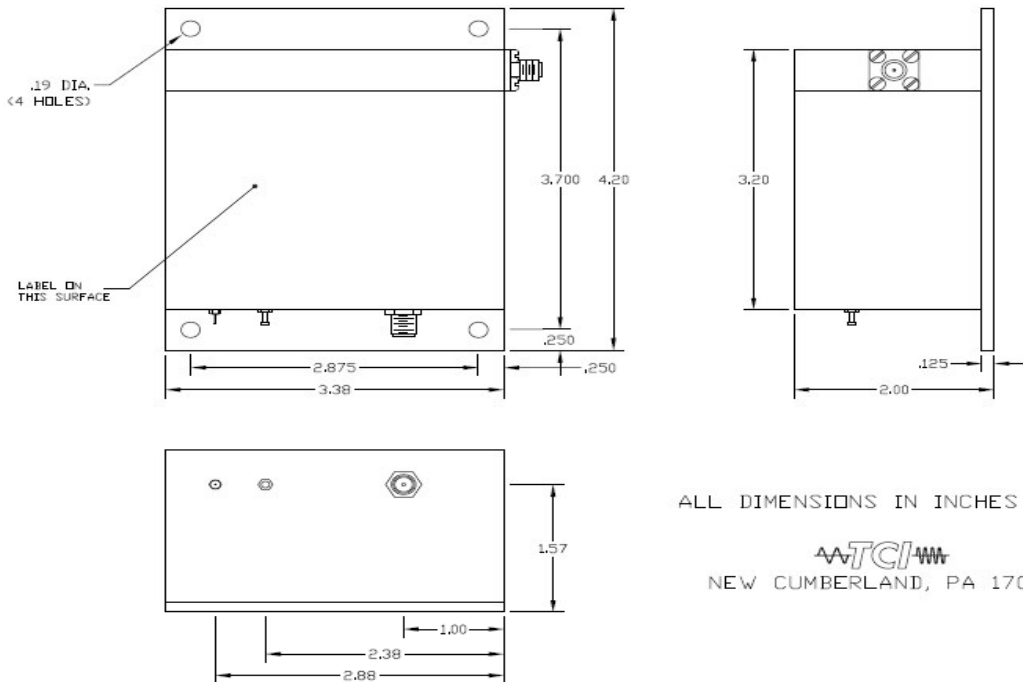
Techtrol Cyclonetics Inc.

815 Market Street New Cumberland, PA 17070
Phone: (717) 774-2746 Fax: (717) 774-6799
Website: tci-ant.com E-mail: Sales@tci-ant.com

Selection Chart

Model Number	Frequency	Min. Output Power	Supply Voltage	Size (Inches) LWH
117-4	1.01 – 2 GHz	5 mw	+15 VDC	3.2 – 3.4 – 2.0
117-5	1.01 – 2 GHz	20 mw	+15 VDC	3.2 – 3.4 – 2.0
117-6	1.01 – 2 GHz	100 mw	+15 VDC	3.2 – 3.4 – 2.0
117-7	2.01 – 4 GHz	5 mw	+15 VDC	3.2 – 3.4 – 2.0
117-8	2.01 – 4 GHz	20 mw	+15 VDC	3.2 – 3.4 – 2.0
117-9	2.01 – 3 GHz	100 mw	+15 VDC	3.2 – 3.4 – 2.0
117-10	3.01 – 4 GHz	100 mw	+15 VDC	3.2 – 3.4 – 2.0
117-11	4.01 – 8 GHz	5 mw	+15 VDC	3.2 – 3.4 – 2.0
117-12	4.01 – 8 GHz	20 mw	+15 VDC	3.2 – 3.4 – 2.0
117-13	4.01 – 8 GHz	100 mw	+15 VDC	4.3 – 3.4 – 2.0
117-14	8.01 – 12 GHz	5 mw	+15 VDC	3.2 – 3.4 – 2.0
117-15	8.01 – 12 GHz	20 mw	+15 VDC	4.3 – 3.4 – 2.0
117-16	8.01 – 12 GHz	50 mw	+15 VDC	4.3 – 3.4 – 2.0

Outline Drawing



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