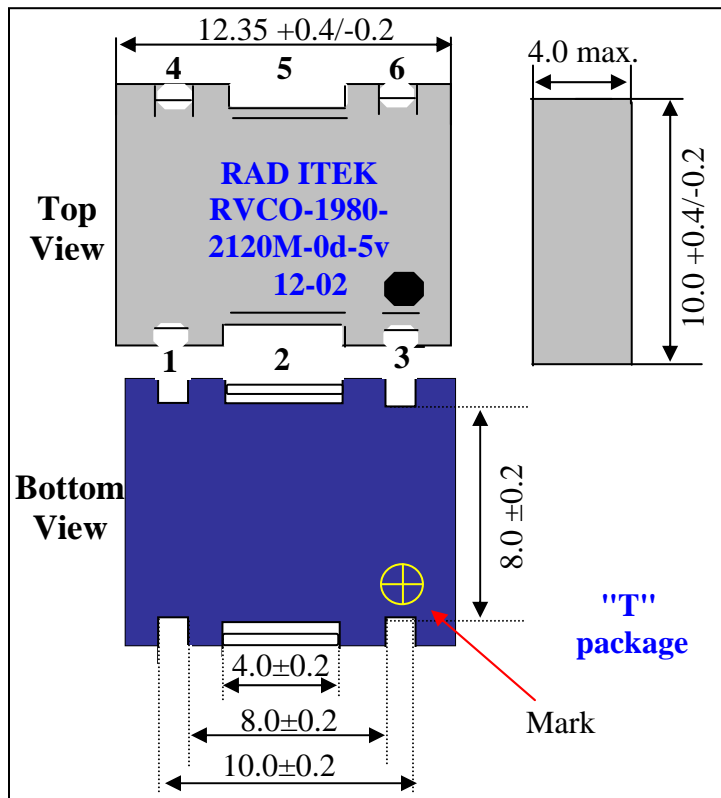


# RADITEK RVCO-T Series

"T" package= High frequency, Mini package, Surface mount, 100% tested

❖ Guaranteed free of non monotonic tuning



Pin designations for "T" package:	
Pin	Function
1	Vt (tuning V)
2,5	Ground
3	Vcc
4	N/C
6	Pout

Part number: RVCO-1980-2120M-T-0d5v

Frequency	1980-2120M,	1920-1940M	
Tuning Voltage	0.5-4.5	0.5-4.5	Volts (typ.)
Tuning Sensitivity (typ.)	$40 \pm 3$	$40 \pm 3$	MHz/V
Output Power	$0 \pm 3$	$0 \pm 3$	dBm (min.)
Input Tuning Capacitance	<50	<50	pF
Pulling (into 1.7 dB)	<2	<2	MHz
Phase Noise at 1 KHz	<-75	<-75	dBc/Hz (SSB) target
Phase Noise at 10 KHz	<-95	<-95	dBc/Hz (SSB) target
Phase Noise at 25 KHz	<-100	<-100	dBc/Hz (SSB) target
Phase Noise at 300 KHz	<-125	<-125	dBc/Hz (SSB) target
Harmonic level (2 <sup>nd</sup> )	-15	-15	dBc
Pushing ( $4.75 > V_{cc} > 5.25V$ )	<1	<1	MHz
Frequency Drift (typ.)	-0.08	-0.08	MHz/°C
Operating Temperature	-30 to 85	-30 to 85	°C
Storage Temperature	-45 to 120	-45 to 120	°C
Supply Voltage	$5 \pm 0.25$	$5 \pm 0.25$	V dc
Supply Current	25	25	MA max.
Package	T	T	