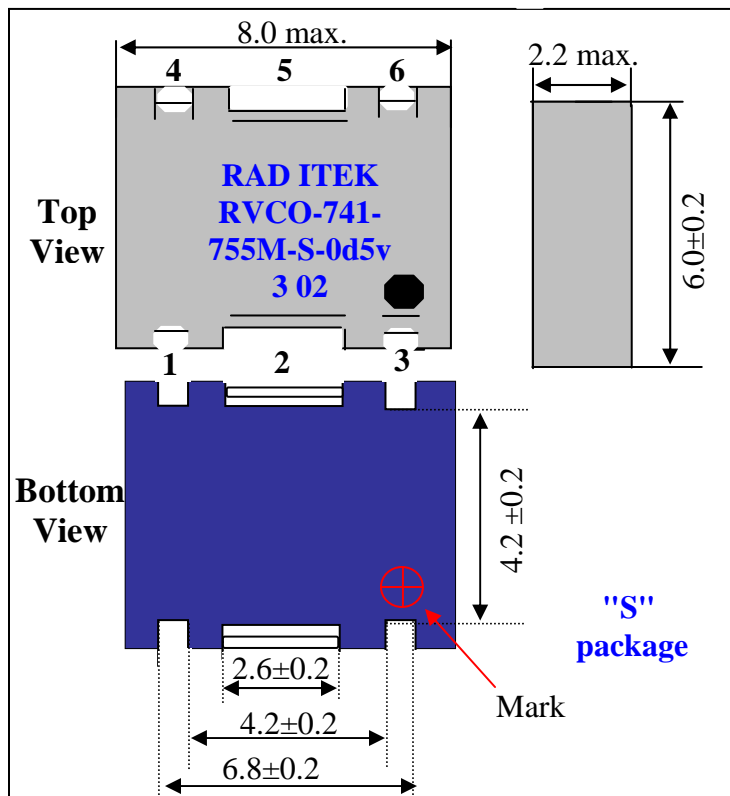


# RADITEK RVCO-S Series

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

❖ Guaranteed free of non monotonic tuning

Preliminary data sheet



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

Part number: RVCO-741-755M-S-(-8d5v)

Frequency	741-755	2023-2125	MHz
Tuning Voltage	0.5-2.2	0.5-2.2	Volts (typ.)
Tuning Sensitivity (typ.)	9	90	MHz/V min. (target)
Output Power	-8±3	-3±3	dBm (min.)
Phase Noise at 1 KHz	<-70	<-70	dBc/Hz (SSB) target
Phase Noise at 10 KHz	<-93	<-93	dBc/Hz (SSB) target
Phase Noise at 60 KHz	<-105	<-105	dBc/Hz (SSB) target
Phase Noise at 100 KHz	<-115	<-115	dBc/Hz (SSB) target
Harmonic level (2 <sup>nd</sup> )	-15	-15	dBc
Pushing Figure (Vcc±0.15)	500	500	KHz
Operating Temperature	-30 to 85	-30 to 85	°C
Storage Temperature	-45 to 120	-45 to 120	°C
Supply Voltage	2.8±0.15	2.8±0.15	V dc
Supply Current	5	5	mA max. target
Package	S	S	