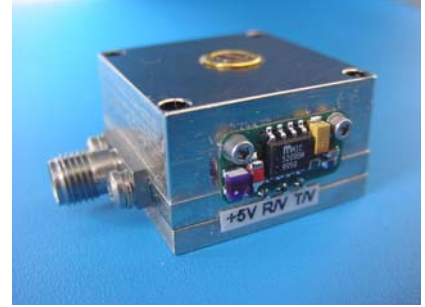
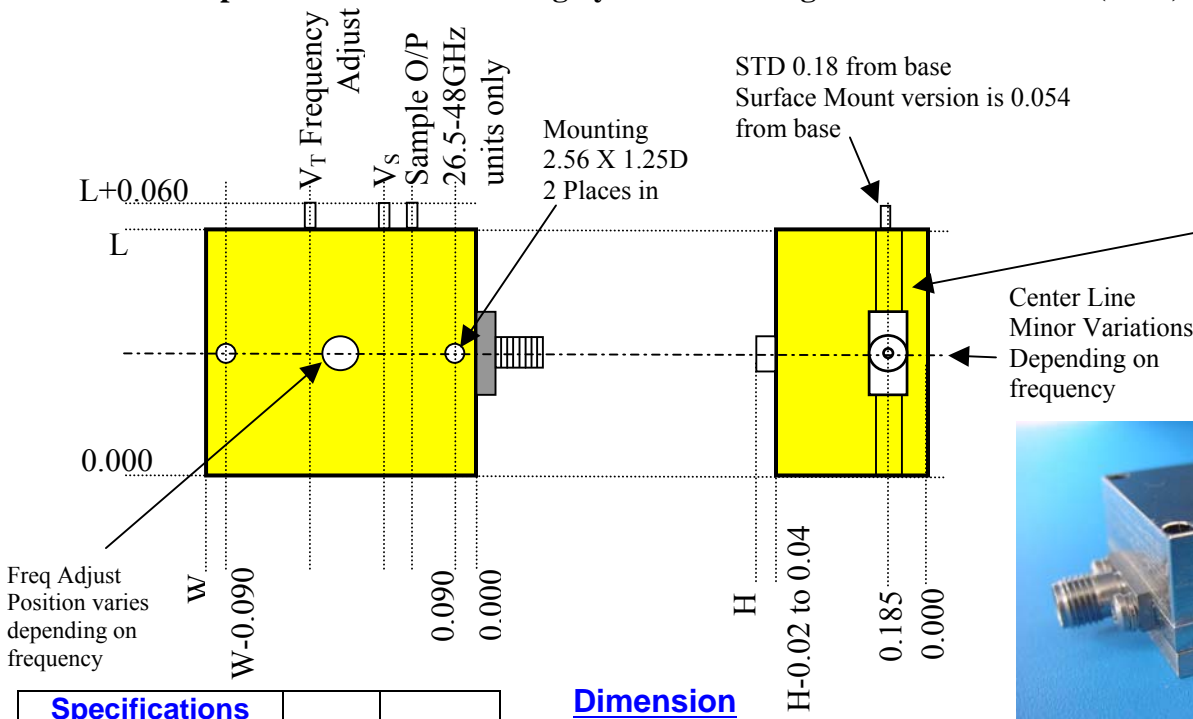


- Frequency coverage 4-43.42GHz (up to ~22 GHz fundamental)
- Optional Electronic Tuning (-E)
- Optional Surface mounting by field removing base and connector (-PIN)

NOTE
No output buffering:
 take care with designing it in to avoid frequency pulling



Specifications		
Harmonics	dBc	-25
Spurious	dBc	-95
Supply Voltage	V	5 – 16
Supply Current	mA	55
Operating Temp.	°C	-40 to 70
Storage Temp.	°C	-55 to 85

Dimension							
Frequency (GHz)	4.412-5.933	5.934-7.980	7.981-16.070	16.071-23.980	23.981-32.290	32.291-43.420	
W	1.875	1.11	1.00	0.720	1.608	1.230	
L	1.875	1.11	1.00	0.640	0.993	0.610	
H	0.94	0.695	0.61	0.499	0.612	0.495	
Model ID	1	2	3	4 SJ	5	6	

Frequency (GHz)			4.412-5.993	5.934-7.980	7.981-11.320	11.321-16.070	16.071-23.980	23.981-32.290	32.291-43.420
RF Power	dBm	*	13-17	12-16	11-15	9-13	7-10	6-10	4-8
Frequency Pushing	KHZ/V	max	226-290	304-389	414-502	508-785	825-1170	1230-1580	1660-2120
Load Pulling	KHz	max	0.904-1.16	1.22-1.56	1.64-2.2	2.32-3.14	3.30-4.68	4.92-6.30	6.628.48
ΔFrequency OT	KHz	max	678-869	912-1170	818-1100	1160-1570	1650-2340	2460-3150	3310-4240
ΔPower	dB		2	2	2	2	2	2	2
Aging	ppm/year		1	1	1	1	1	1	1
Mechanical Tuning	MHz >+/-		3.6-4.6	4.8-6.2	6.6-8.4	9.6-12.6	13.2-18.8	19.6-25.1	26.4-34.0
Electrical Tuning (opt) ¹	MHz	*	2.3-3.1	3.1-5.3	2.8-4.8	4.1-7.2	5.6-10.8	8.3-14.5	11.2-19.6
Tune Voltage Range ¹	V		0.6-7.4	0.6-7.4	0.6-7.4	0.6-7.4	0.6-7.4	0.6-7.4	0.6-7.4
Tune Voltage Center ¹	V		4	4	4	4	4	4	4

Phase Noise @	10KHz	*	-99 to -97	-96 to -94	-94 to -91	-91 to -88	-89 to -85	-84 to -82	-82 to -80
	100KHz	*	-124 to -122	-121 to -119	-119 to -116	-116 to -113	-114 to -110	-109 to -107	-107 to -105
	1MHz	*	-149 to 147	-146 to 144	-144 to -141	-141 to -138	-139 to -136	-134 to -132	-132 to -130
Model ID			1	2	3	3	4	5	6

*Range varies by frequency; Note 1 Option -E (Electronic tuning)