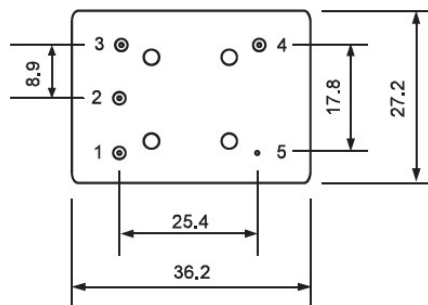
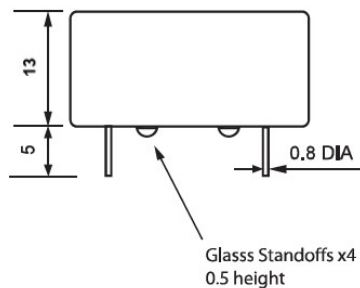




## Data Sheet

Part Number: C3627-C50B1-20M000

Parameter	Type	Unit	Condition
Output Frequency	20	MHz	
Current Consumption	300	mA	warm-up
Current Consumption	100	mA	@ 25°C
Power Supply	12	V	
Reference Voltage	8.5	V	
Aging	±50	ppb	Per year, after 30 days of operation
Output Level	7	dBm	vs. 50 Ω
Harmonic Attenuation	-30.00	dB	
Spurious Attenuation	-70.00	dB	
Electronic Freq. Control (EFC) Range	±1.0	ppm	0.0-10.0 v
Initial Tolerance	±100	ppb	25°C/ 4.25 V
Stability vs. Load Change	±5	ppb	±5%
Stability vs. Supply Voltage Variation	±5	ppb	±5%
Stability vs. Temperature	±50	ppb	-20 -+70°C
Phase Noise	-120	dBc	10Hz
	-135	dBc	100Hz
	-150	dBc	1KHz
	-155	dBc	10KHz
Operating Temperature	-20 -+70	°C	
Storage Temperature	-55 -+125	°C	
Humidity	100%, no condensed		
Mechanical Shock	MIL-STD-202, Method 213		
Vibration	MIL-STD-883, Method 2007, A		
Dimension	36.1x27.2x13 mm		



### Pin Connections

- #1: Control voltage or N/C
- #2: Reference voltage or N/C
- #3: Vcc
- #4: Output
- #5: Ground/case

Lead - Kovar; Finish - Ni Plated