

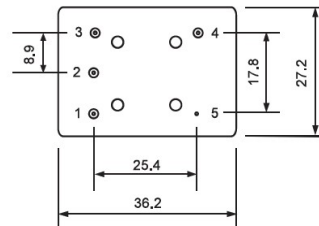
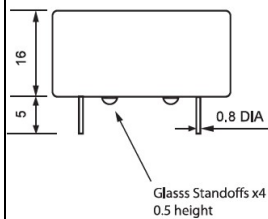


**1. OC36 SERIES: Frequency range: 1MHz - 200 MHz, 36x27x16mm DIP package**

**SPECIFICATIONS:**

Item	AT Cut	SC Cut	Condition
Stability vs Temp.	$\leq \pm 5E10^{-8}$	$\leq \pm 1E10^{-8}$	-40°C~70°C@25°C
Aging per day	$\leq \pm 1E10^{-9}$	$\leq \pm 5E10^{-10}$	After 30 days operation
Aging per year	$\leq \pm 1E10^{-7}$	$\leq \pm 5E10^{-8}$	
Stability vs load	$\leq \pm 5E10^{-9}$	$\leq \pm 1E10^{-9}$	Load $\pm 5\%$
Stability vs Vcc	$\leq \pm 5E10^{-9}$	$\leq \pm 1E10^{-9}$	Vcc $\pm 5\%$
Phase noise@10MHz	$\leq -105/-135$ dBc/Hz	$\leq -120/-135$ dBc/Hz	@10Hz/100Hz
	$\leq -145/-150$ dBc/Hz	$\leq -150/-155$ dBc/Hz	@1kHz/10kHz
Electric tuning range	$\geq \pm 3E10^{-6}$	$\geq \pm 5E10^{-7}$	Vcc=5.0VDC
Control voltage range	0.0-5.0V		Positive slope
Output Waveform	HCMOS/TTL	Sine	
Output level	N/A	8 $\pm 2$ dBm	50 $\Omega$
Spurious	N/A	$\leq -75$ dBc	
Sub-harmonics level	N/A	$\leq -35$ dBc	
Rise time	5ns (10->90% Vout)	N/A	15pF
Fall time	5ns (90->10% Vout)		
Duty cycle	45%-55%		
Power supply	5.0 / 12.0 / 15.0VDC		
Power consumption at steady state	1.2W		@ +25°C
Power consumption at warm-up state	3W		
Storage temperature	-55°C ~ +105°C		

Dimensions  
(Europack)



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