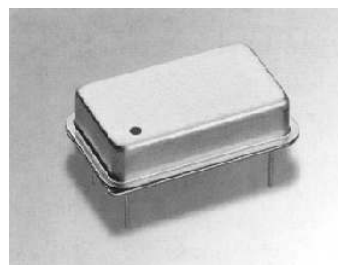


Oscillator THT, programmable



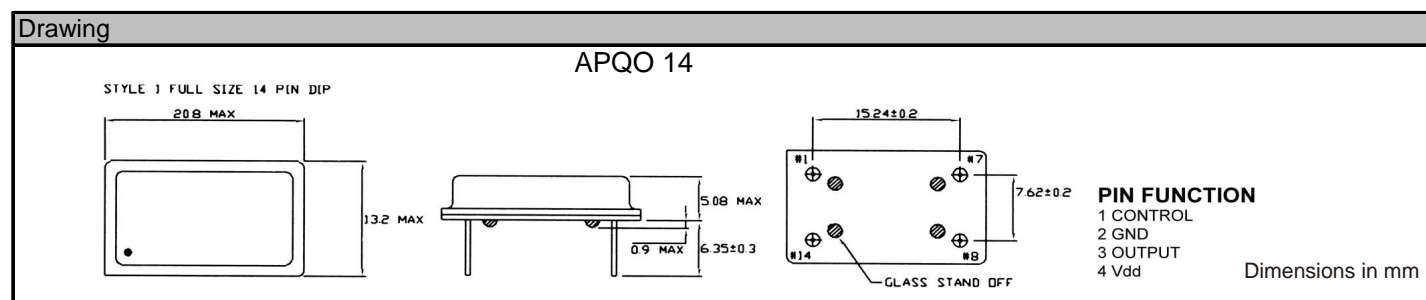
APQO 14

Features:

- Standard DIL 14
- Low cost to performane
- 3.0 ~ 5.5 volt available
- Tolerance and stability to ± 25 ppm
- Ultra low jitter <11ps

Specifications		
	APQO 14	Remarks
Frequency range	1 ~ 133MHz	Please specify
Frequency stability	± 25 ppm ~ ± 100 ppm	Please specify
Operating temperature	-0°C ~ +70°C - -40°C ~ +85°C	Please specify
Storage temperature	-55°C ~ +125°C	
Programmable voltage 1 ~ 133 MHz	4.0V ~ 5.5V	
Programmable voltage 1 ~ 100 MHz	3.0V ~ 3.6V	
Aging (ppm / Year), Ta = 25C, Vdd = 5 / 3.3 V	± 5 ppm	
Programmable output level	CMOS / TTL	

Operating conditions			
Description	Min	Max	Unit
Vdd Supply voltage	3.0	5.5	V
C _{TTL} Max capacitive load on outputs for TTL levels	4.5 V ~ 5.5 V Vdd 40 MHz	50	pF
	4.5 V ~ 5.5 V Vdd > 40 ~ 133 MHz	25	pF
C _{CMOS} Max capacitive load on outputs for CMOS levels	4.5 V ~ 5.5 V Vdd 66 MHz	50	pF
	4.5 V ~ 5.5 V Vdd > 66 ~ 133 MHz	25	pF
	3.0 V ~ 3.6 V Vdd 40 MHz	30	pF
	3.0 V ~ 3.6 V Vdd > 40 ~ 100 MHz	15	pF



Order key						
Part	Frequency	Type/Package	Tolerance	Voltage	Temperature	Opion
O	- 50.000000M	- APQO 14	- 50	- 5.0	- D	- T
O=Oscillator	M=MHz	APQO= programmable QO 14=DIL 14	+/-ppm	5,0=5,0Volt 3,3=3,3Volt	A= 0°C - 70°C B= -10°C - 60°C C= -10°C - 70°C D= -20°C - 70°C E= -40°C - 85°C	T=Tristate X=Special options

Remarks: All specifications subject to change without notice!