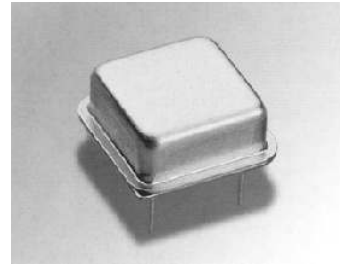


Oscillator THT, programmable



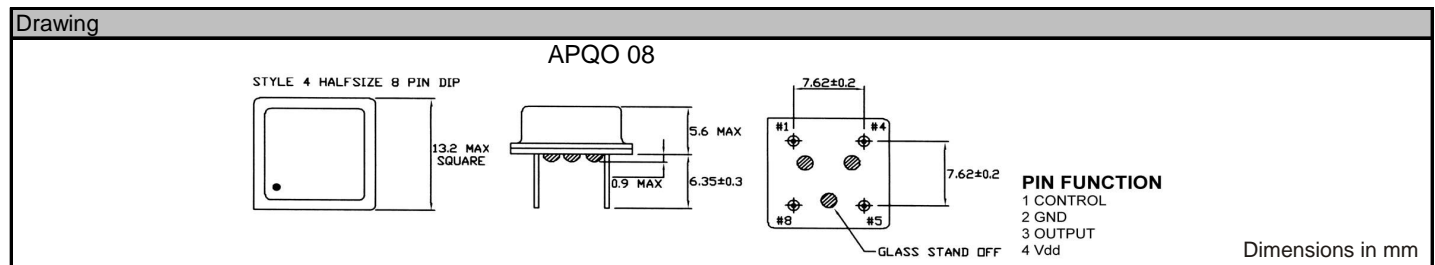
APQO 08

Features:

- Standard DIL 8
- Low cost high performance
- 3.0 ~ 5.5 volt available
- Tolerance and stability up to ± 25 ppm
- Ultra low jitter < 11ps

Specifications		APQO 08	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
CTTL 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
CCMOS 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	Option
O	- 30.000000M	- APQO 08	- 50	- 5.0	- D	- T
O=Oscillator	M=MHz	APQO= programmable QO 08=DIL 8	+/-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!