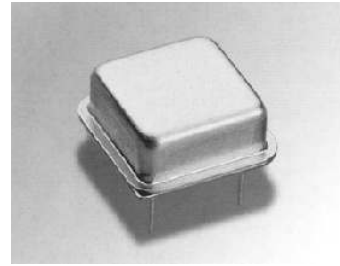


Oscillator THT, programmable

www.DataSheet4U.com

Features:

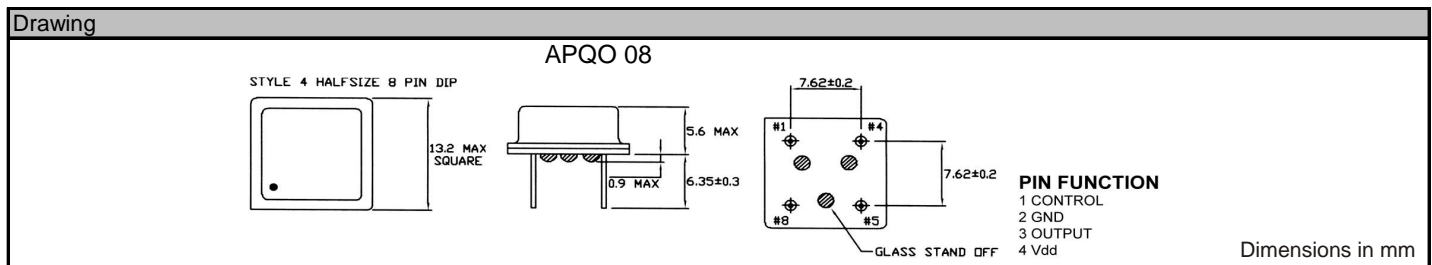
- Standard DIL 8
- Low cost high performance
- 3.0 ~ 5.5 volt available
- Tolerance and stability up to ± 25 ppm
- Ultra low jitter < 11ps



APQO 08

| 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 | Opion |
| 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!