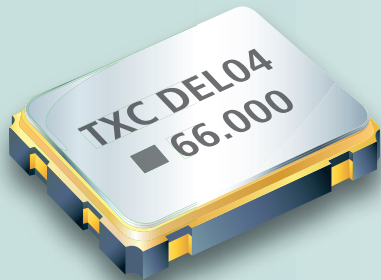


SMD Crystal Oscillators- CMOS Output 7.0 x 5.0 x 1.3 mm 7W Series



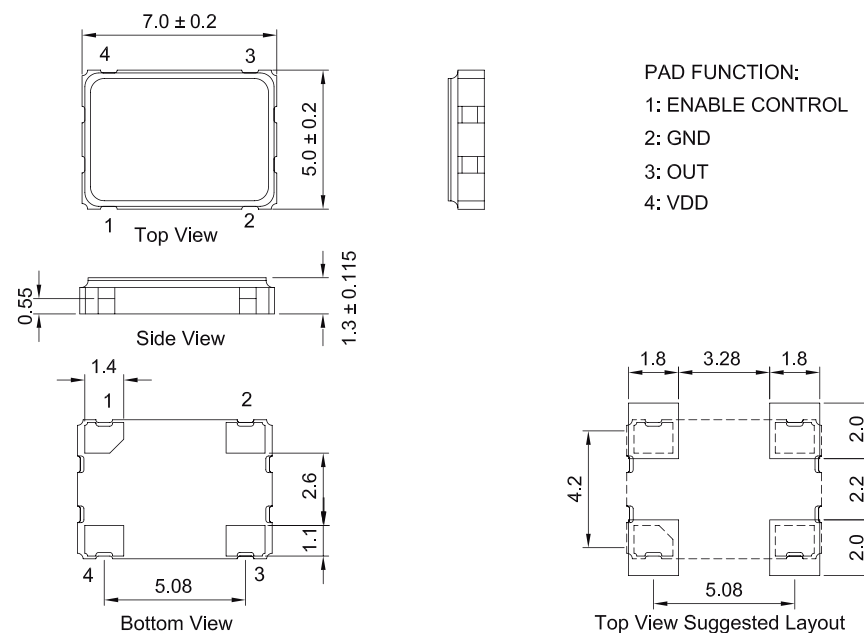
Features

- Small SMD seam sealed clock crystal oscillator units.
- High precision characteristic covering up to wide frequency range.
- Designed for automatic mounting and reflow soldering.
- Tri-State function available.
- Supply voltage range : 1.8 V ~ 5 V.
- High stability, low jitter, low power consumption.
- Main application : wireless communication, PC, and LCDM.
- RoHS Compliant / Pb Free.

Electrical Specifications

Item / Type	7W		
Output Type	CMOS		
Output Load	15 pF	15 pF, 30 pF	15 pF, 50 pF
Oscillation Mode	Fundamental / 3rd Overtone		
Supply Voltage	1.8 V	2.5 V, 2.8 V, 3.3 V	5 V
Frequency Range	1 ~ 170 MHz		
Frequency Stability	± 25 ppm, ± 50 ppm		
Operating Temperature Range	- 10 ~ + 70 °C, - 40 ~ + 85 °C		
Storage Temperature Range	- 55 ~ + 125 °C		
Voltage Vol (Max.) / Voh (Min.)	0.1 VDD / 0.9 VDD		
Rise (Tr) / Fall (Tf) Time	8 ns Max.		
Supply Current	20 mA Max.		
Symmetry	40 ~ 55 %, 40 ~ 60 %		
Start-up Time	5 ms Max.		
Phase Jitter (12 KHz ~ 20 MHz)	1 ps Max.		
Aging (at 25 °C)	± 3 ppm / year Max.		

Dimensions



Units: mm

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[SiT1602BI-22-33E-50.000000E](#) [SiT8209AI-32-33E-125.000000](#) [SIT8918AA-11-33S-50.000000G](#) [SM4420TEV-40.0M-T1K](#) [F335-24](#) [F335-40](#) [F535L-10](#) [F535L-12](#) [F535L-16](#) [F535L-24](#) [F535L-27](#) [F535L-48](#) [PE7744DW-100.0M](#) [CSX-750FCC14745600T](#) [ASF1-3.686MHZ-N-K-S](#)
[XO57CTECNA3M6864](#) [ECS-2100A-147.4](#) [601251](#) [EP16E7E2H26.000MTR](#) [SIT8918AA-11-33S-16.000000G](#) [XO3003](#) [9120AC-2D2-33E212.500000](#) [9102AI-243N25E100.00000](#) [8208AC-82-18E-25.00000](#) [ASDK2-32.768KHZ-LR-T3](#) [8008AI-72-XXE-24.545454E](#) [8004AC-13-33E-133.33000X](#) [AS-4.9152-16-SMD-TR](#) [ASFL1-48.000MHZ-LC-T](#) [SIT8920AM-31-33E-25.0000](#) [DSC1028DI2-019.2000](#) [9121AC-2C3-25E100.00000](#) [9102AI-233N33E100.00000X](#) [9102AI-233N25E200.00000](#) [9102AI-232H25S125.00000](#) [9102AI-133N25E200.00000](#) [9102AC-283N25E200.00000](#) [9001AC-33-33E1-30.000](#) [XLH536125.000JS4I](#) [3921AI-2CF-33NZ125.000000](#) [5730-1SF](#) [PXA000010](#)