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

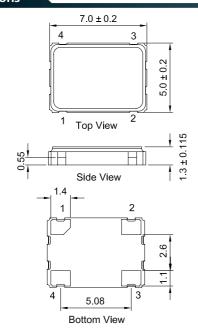
Features

- · 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.		

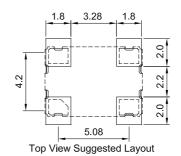
Dimensions





3: OUT

4: VDD



Units: mm