

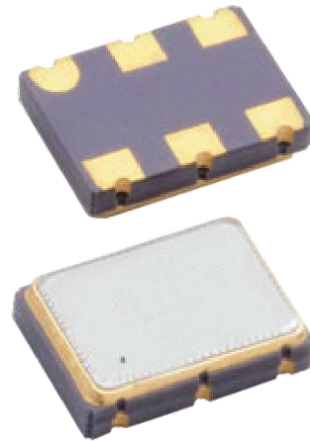
Size: 7.0×5.0×1.30 mm



深圳市锐晶电子有限公司
Shenzhen Rojon Electronics Co.,LTD.

Features

- Fundamental /3rd overtone/PLL solution.
- 3.3V / 2.5V operation voltage.
- Package size: 7.0×5.0×1.30 mm.
- LVPECL output, output frequencies 25MHz to 200MHz.
- Excellent low phase noise and jitter.
- 3-state function available.
- Automatic mounting and reflow soldering.
- Applications: Ethernet, Server, SDH, SONET, PC, Mobile Telecommunications, etc.
- RoHS Compliant / Pb-Free.



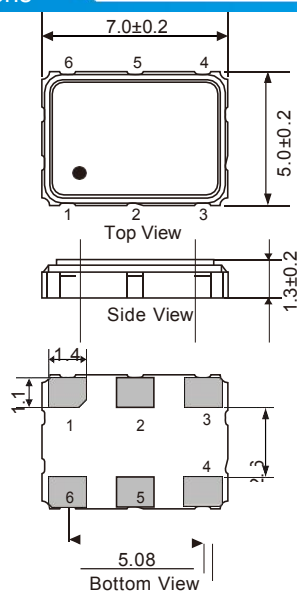
Electrical Specifications

Item /Type	7J/7B (SMD 7050 LVPECL Crystal		
Output Type	LVPCEL		
Output Load	50 Ω to VDD-2V	50 Ω to VDD-2V	50 Ω to VDD-2V
Oscillation Mode	Fundamental	3rd Overtone	PLL
Supply voltage	2.5V, 3.3V		
Frequency range	25MHz~200MHz		75MHz~700MHz
Overall Frequency Stability*	±50ppm, or specify		
Operating Temperature Range	-20~+70°C, -40~+85°C, or specify		
Storage Temperature Range	-55~+125°C		
Voltage Vol (Typ.) / Voh (Typ.)	VDD-1.62V / VDD-1.026V		
Rise(Tr) / Fall(Tf) Time(20%~80%)	1ns Max.		
Supply Current	80mA Max.	99mA Max.	
Symmetry	45~55%		
Start-up Time	10ms Max.		
Phase Jitter(12KHz~20MHz)	1pS Max.		

* Inclusive of frequency tolerance at 25°C, variation over temperature, supply voltage variation, aging and vibration.

Dimensions

Units:mm



PAD FUNCTION:

- 1: ENABLE CONTROL or NC
- 2: ENABLE CONTROL or NC
- 3: GND
- 4: OUT
- 5: OUTN
- 6: VDD

* External high frequency power supply decoupling required.

