

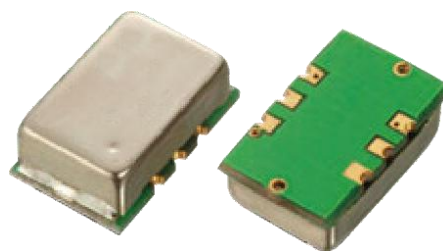
Size: 14.0×9.0×5.4 mm



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

Features

- Surface mount package.
- 3.3V and 2.5V operation available.
- LVDS, LVPECL Output, output frequencies 25MHz to 700MHz.
- 3-state function.
- Automatic mounting and reflow soldering.
- Applications: Fibre channel, Gigabit ethernet, Serial ATA, Serial attached SCSI, PCI-Express, SDH, SONET, etc.
- Excellent low phase noise and jitter.
- RoHS Compliant / Pb-Free.



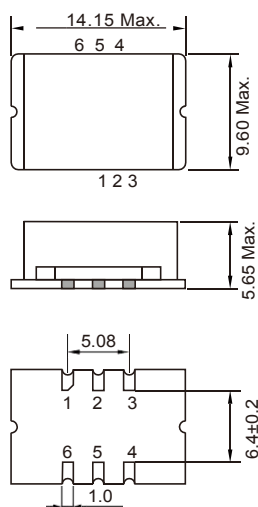
Electrical Specifications

Item /Type	9J/9D (9J Series SMD Crystal)
Output Type	LVPECL
Output Load	50Ω to VDD-2V
Oscillation Mode	Fundamental /3rd Overtone /PLL
Supply Voltage (VDD)	2.5V, 3.3V
Frequency Range	25 ~ 700 MHz
Overall Frequency Stability*	±50ppm, or specify
Operating Temperature Range	-20~+70°C, -40~+85°C, or specify
Storage Temperature Range	-55~+125°C
Rise(Tr) / Fall(Tf) Time(20%~80%)	1ns Max.
Supply Current	80mA Max.
Symmetry	45~45%
Start-up Time	10ms Max.
Phase Jitter (12KHz~20MHz)	1ps Max.
Product Size	14.0×9.0×5.4 mm

* 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: NC
- 6: VDD

* External high frequency power supply decoupling required.

