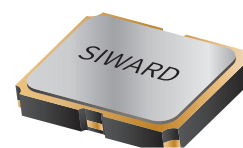


CRYSTAL OSCILLATOR

SCO-2016



Applications

- Multimedia / ADSL / WLAN
- PCI-E, Wearable Devices

Features

- Ceramic package / Dimensions (2.05 × 1.65 × 0.85)
- Low current consumption
- CMOS output / with Tri-state function

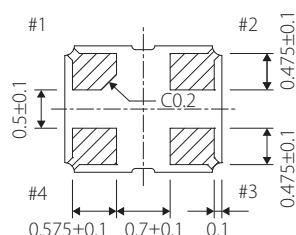
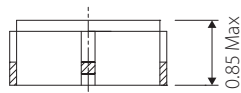
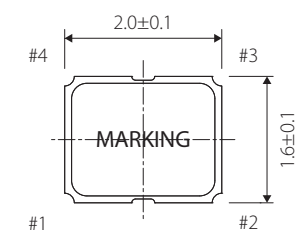
Specifications



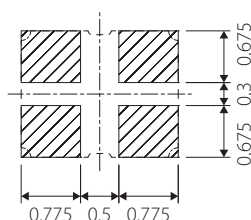
Model	SCO-2016		
Frequency range	1.5~54.0MHz		
Storage temperature range	-55 ~ +125°C		
Operating temperature range	-40~+85°C, -40 ~ +125°C		
Frequency stability	± 25ppm/ ± 50ppm		
Power supply voltage	1.8V DC ± 10%	2.5V DC ± 10%	3.3V DC ± 10%
Current consumption	2.5mA max@~20M	5mA max@~20M	6mA max@~20M
	3mA max@~40M	6mA max@~40M	7mA max@~40M
	5mA max@~54M	8mA max@~54M	9mA max@~54M
Output level	C-MOS		
Output load	15pF		
Output Voltage level	VOL: 10%Vcc max. / VOH: 90%Vcc min.		
Rise & Fall time	7ns max.@10%Vcc ~ 90%Vcc		
Duty cycle	45~55 % @50 % Vcc		
Start-up time	5ms max.		
Phase Jitter	1ps max.@12KHz to 20MHz		

Package quantity: 3,000pcs max./Reel.

Outline and Dimensions [unit:mm]



Land Pattern(REFERENCE)



Terminal	Connection
#1	Tri-state or N.C
#2	GND
#3	Output
#4	Vcc

Tri-state Function	
Tri-state pin	Output
High or Floating	Active
Low	Hi-Impedance