

SMD 5032 Crystal Oscillator



Size: 5.0×3.2×1.20 mm

7N Series SMD Crystal Oscillator

Features

- Package size: 5.0×3.2×1.2mm.
- Small size SMD seam sealed clock crystal oscillator units.
- Supply voltage: 1.8V~5.0V.
- 3-state function.
- Automatic mounting and reflow soldering.
- Applications: Wireless communication, PDA, DSC, PC, Server, SONET, Telecommunications, etc.
- High stability, low jitter, low power consumption.
- RoHS Compliant / Pb-Free.

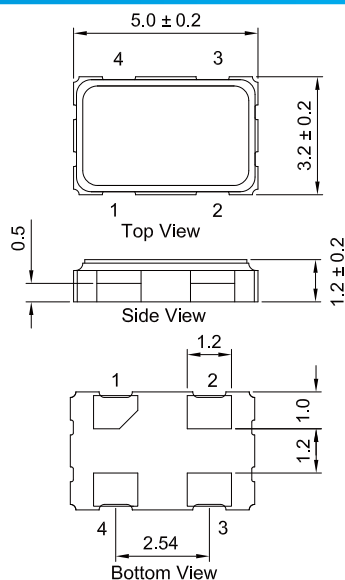


Electrical Specifications

Item /Type		7N (SMD 5032 Crystal Oscillator)		
Output Type		CMOS		
Output Load		15pF, or specify		
Oscillation Mode		Fundamental / 3rd Overtone		
Supply Voltage		1.8V	2.5V, 2.8V, 3.3V	5.0V
Frequency Range		1 ~ 150 MHz		
Frequency stability		±20ppm, ±25ppm, ±30ppm, ±50ppm		
Operating Temperature Range		-20~+70°C, -40~+85°C, or specify		
Storage Temperature Range		-55~+125°C		
Voltage Vol (Max.) / Voh (Min.)		0.1VDD / 0.9VDD		
Rise(Tr) / Fall(Tf) Time		8ns Max.		
Current Consumption	1~75MHz	5mA Max.	10mA Max.	20mA Max.
	75~150MHz	15mA Max.	20mA Max.	NA
Symmetry		40~60%		
Start-up Time		5ms Max.		
Phase Jitter (12KHz~20MHz)		1ps Max.		
Aging (at 25°C)		±3ppm/Year Max.		

Dimensions

Units:mm



PAD FUNCTION:
 1: ENABLE CONTROL
 2: GND
 3: OUT
 4: VDD

