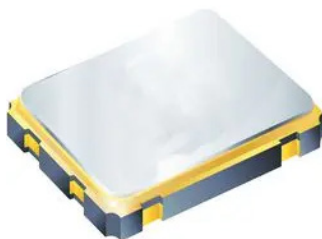


Crystal oscillator

SMD CMOS Output 3.2 × 2.5 × 1.0mm

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**RoHS
Compliant**



Feature

- Ultra Small SMD seam sealed clock crystal oscillator units.
- For applications in WLAN, Bluetooth, DSC, DSL and other IT product.
- Tri-state function available.

Electrical Specifications

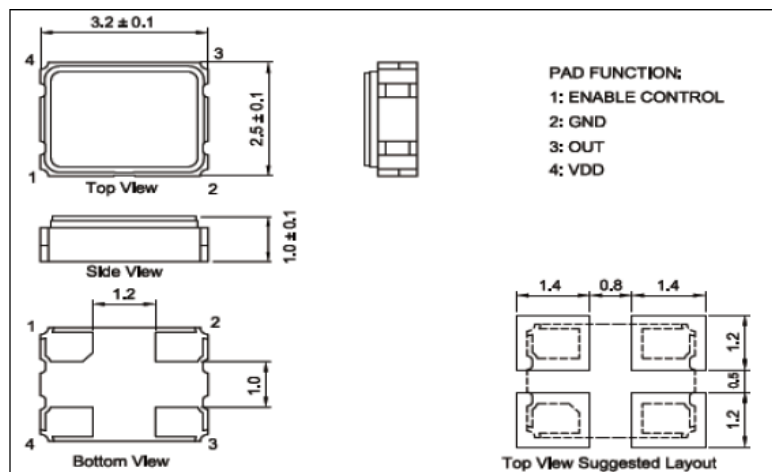
Parmeters	Condition\Model	MCSJK-3N-25.00-3.3-25-C	
Fan Out Type		LVCMOS	
Supply Voltage		3.3V±10%	
Frequency		25.000MHz	
Operating Temperature		-40°C to +85°C	
Current		20mA max	
Frequency Stability	All Conditions	±25ppm	
Output Voltage	Vol(max)	10%VDD	
	VoH(min)	90%VDD	
Rise/Fall Time	AT 0.1Vdd to 0.9Vdd	5ns max	
Load Capacitance		15pF	
Duty Cycle		50±10%	
Storge Temperature		-55°C to +125°C	
Start-upTime	Load RANGE	5mSec max	
Aging		±3ppm(1st, year at 25°C)	
Tri-State	Output Active	2.31V Min Pin 1 Tri-state	
	Output inHigh-Impedance	0.99V Max	
PAD Connection		PIN#1 Tri-State/NC	PIN#3 OUT
		PIN#2 GND	PIN#4 Vdd

Crystal oscillator

SMD CMOS Output 3.2 × 2.5 × 1.0mm

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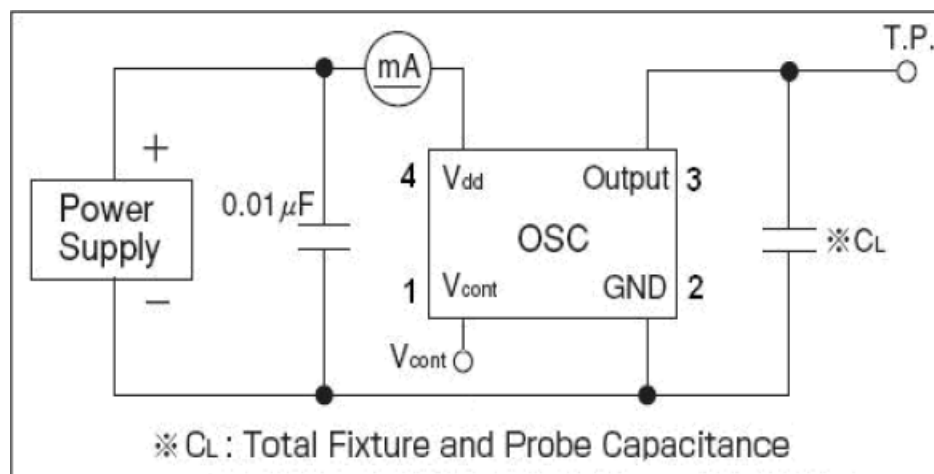
Dimension



MARK

.25.00

Measurement Circuit

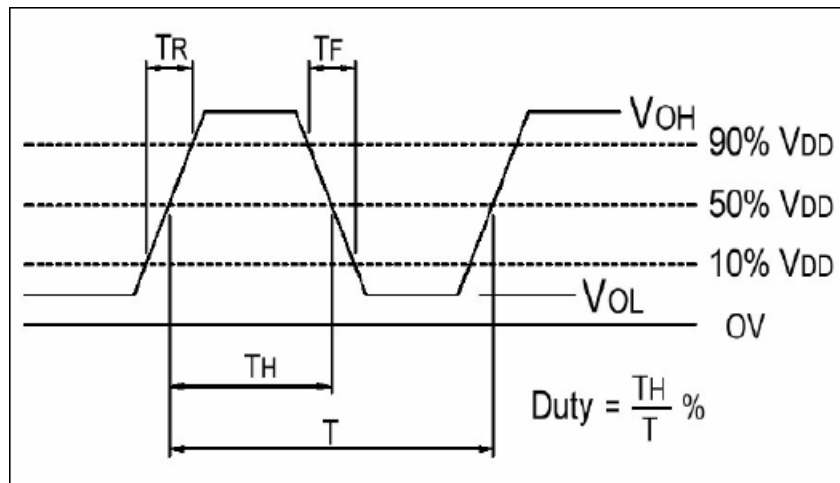


Crystal oscillator

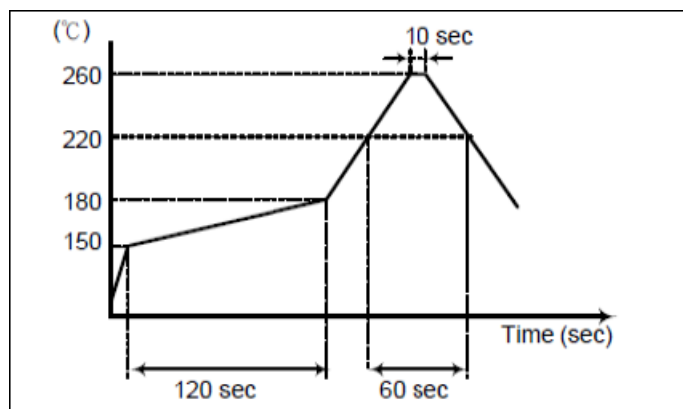
SMD CMOS Output 3.2 × 2.5 × 1.0mm

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Waveform Conditions



Reflow Condition



The reflow temperature profile may vary depending on the product model, specifications and frequency range. Refer to the individual product specifications for details

Part Number Table

Description	Part Number
Crystal oscillator SMD CMOS Output 3.2×2.5×1.0mm	MCSJK-3N-25.00-3.3-25-C

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