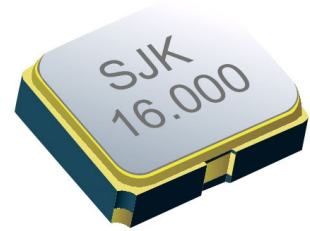


SERIES 2N, Seam Sealed Ceramic 2.5×2.0mm Surface Mount Package

■ Feature

- Broad frequency range from 4MHz ~ 54MHz.
- Compact and thin ceramic package with a moralized for surface.
- Reflow soldering is possible.
- Lower noise and current with reduced power consumption.
- Built-in CMOS IC with tri-state function.
- RoHS compliant / Pb Free



■ ELECTRICAL SPECIFICATIONS

Frequency Range	4.000MHz ~ 200.000MHz
Output Type	CMOS
Output Load	15Pf, or specify
Oscillator Mode	Fundamental
Supply Voltage	3.3V(1.8V, 2.5V available)
Frequency Stability	± 25ppm, ± 50ppm
Voltage Vol(Max) / Voh(Min)	0.1VDD / 0.9VDD
Operating Temperature Range	-20°C ~ +70°C, -40°C ~ +85°C
Storage Temperature Range	-55°C ~ +125°C
Rise(Tr) / Fall(Tf) Time	8ns Max.
Supply Current	15Ma Max
Symmetry	45~55%
Start-up Time	5ms Max.
Phase Jitter(12KHz ~ 20KHz)	2ps Max
Aging(at 25°C)	± 3ppm / Year Max.

■ Marking And Dimensions

