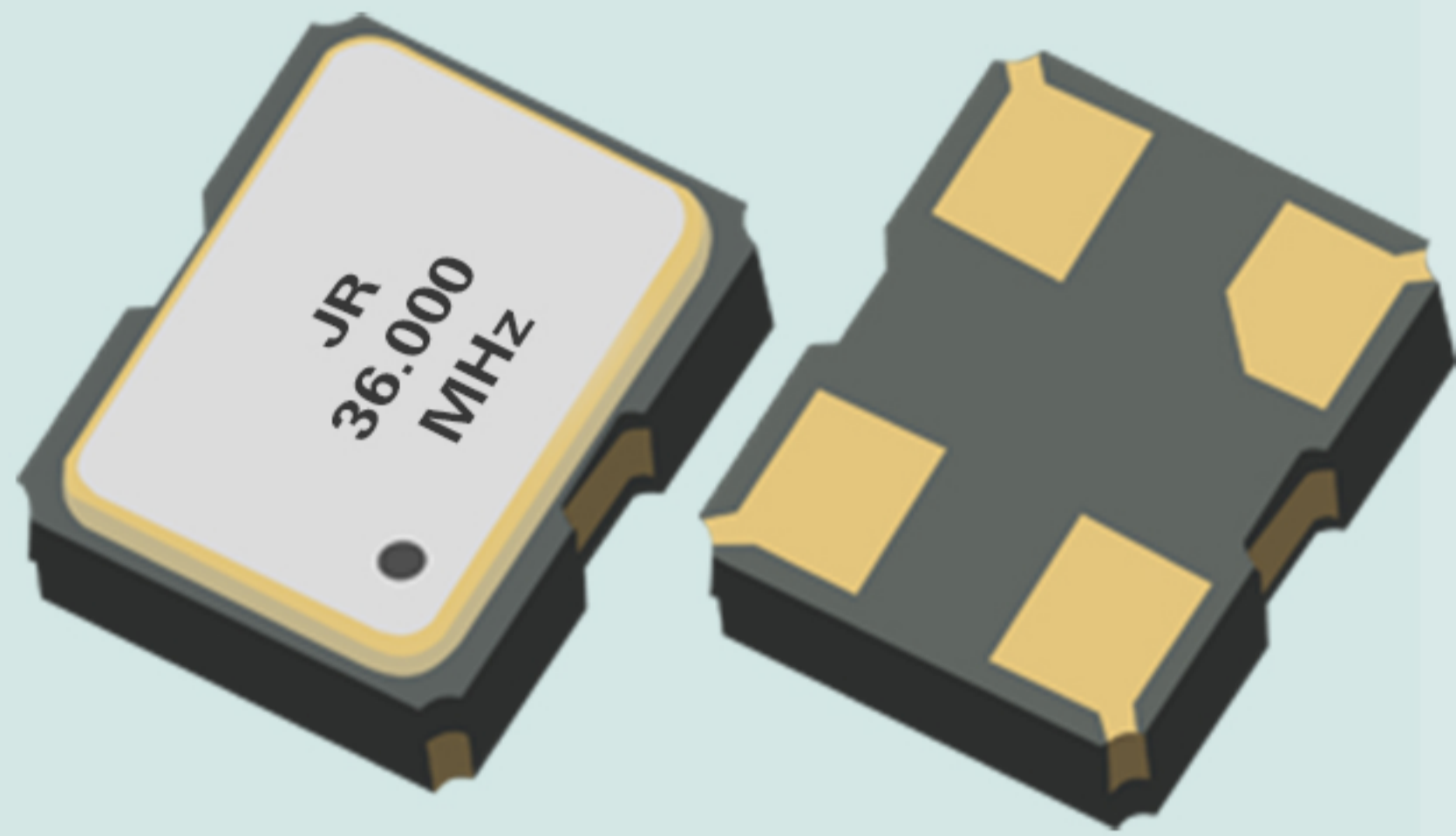


SMD Crystal Oscillators- CMOS Output 1.6 x 1.2 x 0.6 mm



Features

- Extremely small SMD seam sealed clock oscillator unit.
- Application for smart phone, sip module, variety of compact portable consumer products.
- Tri-state function available.
- High reliable environmental performance.
- RoHS Compliant / Pb Free.

Electrical Specifications

Item / Type	1612
Output Type	CMOS
Output Load	15 pF , or specify
Oscillation Mode	Fundamental
Supply Voltage	1.62 ~ 3.63V
Frequency Range	1~150MHz
Frequency Stability	±10 ppm, ±25ppm
Operating Temperature Range	-40~85°C
Storage Temperature Range	-40~85°C
Voltage Vol (Max.) / Voh (Min.)	0.1 VDD / 0.9 VDD
Rise (Tr) / Fall (Tf) Time	5 ns Max.
Supply Current	5 mA Max.
Symmetry	45 ~ 55 %
Start-up Time	5 ms Max.
Phase Jitter (12 KHz ~ 20 MHz)	1 ps Max.
Aging (at 25 °C)	± 3 ppm / year Max.

Dimensions

