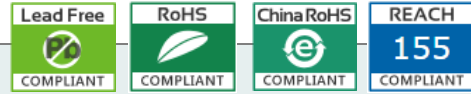


New Product Announcement

December 8, 2014



EA2540 Series Crystal

Quartz Crystal Resonator 2.5mm x 4.0mm x 0.7mm 4 Pad Ceramic Surface Mount (SMD)

This crystal series offers:

- Improved frequency stability through the use of a bulk acoustic wave (BAW) quartz crystal resonator
- AT crystal cut
- Fundamental mode
- Parallel or series resonance operation
- Industry standard moisture sensitivity level 1 (MSL1) rated package
- RoHS Compliant (Pb-free) with high temperature 260°C reflow capability

Nominal Frequency	12.000MHz to 50.000MHz <i>Some frequencies within this range may not be available.</i>
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Frequency Tolerance at 25°C /	±10ppm / ±15ppm	0°C to +70°C
Frequency Stability over	±10ppm / ±15ppm	-20°C to +70°C
Operating Temperature Range	±10ppm / ±15ppm	-40°C to +85°C
	±15ppm / ±20ppm	0°C to +70°C
	±15ppm / ±20ppm	-20°C to +70°C
	±15ppm / ±20ppm	-40°C to +85°C
	±15ppm / ±30ppm	0°C to +70°C
	±15ppm / ±30ppm	-20°C to +70°C
	±15ppm / ±30ppm	-40°C to +85°C
	±30ppm / ±50ppm	0°C to +70°C
	±30ppm / ±50ppm	-20°C to +70°C
	±30ppm / ±50ppm	-40°C to +85°C
	±50ppm / ±100ppm	0°C to +70°C
	±50ppm / ±100ppm	-20°C to +70°C
	±50ppm / ±100ppm	-40°C to +85°C

Load Capacitance	8pF Parallel Resonant to 32pF Parallel Resonant Series Resonant
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Part number specific information for this new series has been integrated into Ecliptek's automated website tools, including the [SmartSearch](#) and [Quick Quote](#) apps. Ecliptek's advanced on-demand documentation tools provide easy access to Data Sheet, REACH, RoHS, China RoHS, and IPC-1752 documentation on well over three million crystal and oscillator part numbers.

For further assistance, please contact us at customersupport@ecliptek.com.