Ecliptek New Product Release

Ecliptek Introduces Super Ultra Miniature Quartz Crystal Product Family with EA1216 Series

March 28, 2018

Reno, NV – Ecliptek, LLC is expanding their quartz crystal product offering with an ultra-miniature product designed to offer a cost effective high performance solution in a space constrained environment, typically found in market such as IoT, wearables, smart meters and medical products. The EA1216 Series crystal has package dimensions of 1.6mm x 1.2mm x 0.4mm and frequency stabilities as low as ±20ppm over -40°C to +85°C and ±15ppm over -20°C to +70°C.

Product Highlights:

- 1.6mm x 1.2mm x 0.4mm Ceramic SMD Package Size with four pads
- Frequency Range of 24MHz to 54MHz
- Tolerance Stabilities down to ±15ppm
- Operating Temperature Range to -40°C to +85°C
- Load Capacitance of 8pF to 32pF Parallel or Series Resonant

Additional Applications:

- Fibre Channel
- Server and Storage
- Sonet/SDH
- 802.11/WiFi
- T1/E1, T3/E3

Part number specific information for this product series is integrated into Ecliptek's interactive website tools, including the Smart Search and My Parts List apps. Ecliptek's advanced self-service documentation tools provide easy access to Data Sheets, REACH, RoHS, China RoHS, IPC-1752 Material Declarations, Qualification and Reliability Reports, and Conflict Mineral documentation on all Ecliptek part numbers.

About Ecliptek

Ecliptek LLC, an ILSI America Company and a leader in frequency control product solutions, continues to raise the bar for quality and excellence in the frequency control industry. Since our inception in 1987, we remain focused on unparalleled customer support as well as delivering innovative frequency control product solutions to every customer, from new designs to full scale production. We offer a wide range of quartz and MEMS frequency control products, including surface mount and thru-hole solutions that serve every aspect of the global timing market.