



Frequency Control Products

New Product Release – Q4 2025

Model 139 Stratum 3E DIL OCXO

- Frequency: 10 – 40 MHz
- Output: CMOS
- Frequency Stability (pk-to-pk): 10 ppb
- Temp Range: - 40 to + 85°C
- Low phase noise
- Through hole or SMT
- Small Size: 20.3 x 12.7 x 11.0 mm (L x W x H)
- 14 pin DIP (4-leads), Hermetic

Typical Applications

- Test & Measurement
- Radar
- Telecom switching
- 4G/5G Base Stations and Active Antennas
- Military Communications
- Synchronous Ethernet
- Stratum 3E / SONET



Designer Comments:

CTS Model 139 is a high-performance oven-controlled crystal Oscillator (OCXO) suitable for applications requiring Stratum 3E performance. Its low, -170 dBc/Hz noise floor makes it ideal for use in not only Telecommunication applications, but also Instrumentation and Test Equipment, Synthesizers, Radar, and Satellite Communications.

- Schedule:
 - Samples: Now
 - Market launch: Released

Phase Noise Plot

