

CUSTOM & LEGACY REPLACEMENT PRODUCTS

BeckElec has the capabilities of designing frequency control products to your custom specifications. We also design replacement products that are no longer available from the original manufacturer – even if the requirement is for only a few spare parts.

Our design repertoire includes crystal oscillators (XOs), Voltage Controlled Crystal Oscillators (VCXOs), Temperature Compensated Crystal Oscillators (TCXOs), Oven Controlled Crystal Oscillators (OCXOs) and rack mounted Frequency Standards.

In addition to the smaller resistance welded DIL packages and surface mount packages we also work with the older solder sealed packages from 20 mm square to 2.0” square and more custom machined cases.

CUSTOM PRODUCT EXAMPLES



60 MHz High Pull VCTCXO

FEATURES

- ±100 KHz Tune Range (+/-1650 PPM)
- ±20 PPM vs Temperature
- +10 dBm Output
- SMA & 9 Pin Connectors
- Machined Aluminum Housing



19” RACK MOUNT LOW PHASE NOISE PLL REFERENCE OSCILLATOR

FEATURES & OPTIONS

- Phase Locks to incoming CESIUM Signal (5 or 10 MHz)
- Improves PHASE NOISE to -165 DBC/Hz at 10 KHz
- Multiple Amplified +13 dBm Outputs
- OUT OF LOCK Warning
- Internal OCXO or RUBIDIUM back-up standard
- SMA, BNC or N connectors
- 115 or 230 Vdc Option



BeckElec products can be found in RF Telecommunication, Instrumentation, Test and Measurement, Radar, Commercial and Military Avionic systems. We would like the opportunity to quote your Frequency Control Product application.