

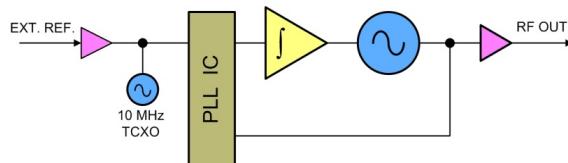
## Model PLOD: Phase-Locked High-Q LC Oscillator (PLLCO)

### • Features

- Output frequencies up to 750 MHz
- Good phase noise
- Internal or external reference frequency
- Small size (2.25" x 2.25" x 0.62")
- Low cost



### • Block Diagram



### • Description

For requirements where the desired output frequencies are relatively low and the PLCRO can't be implemented practically, we offer our PLLCO line of products. These are phase-locked oscillators that use a high-Q LC resonator or a transmission line resonator. These units are very versatile and can be customized in many ways to fulfill a desired LO requirement for communications or instrumentation. Packaged in our standard housing these units yield excellent performance and value.

### • PLXO Key Specifications

Output Frequency:	up to 750 MHz
Spurious:	-70 dBc
Harmonics (typ.):	-40 dBc
Output Power (min.):	+13 dBm
External Reference:	1 to 20 MHz (0 dBm ±3 dB)
Internal Reference:	±0.5 PPM (-10°C to +70°C)
Alarm:	Open Collector or TTL
Power Requirements:	+5.0 Vdc @ 250 mA
Size:	2.25" x 2.25" x 0.62"

