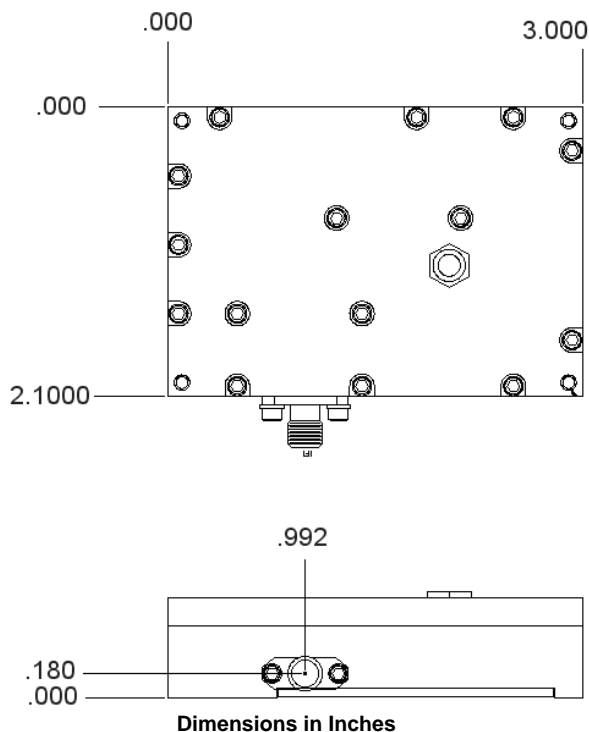


60 GHz Transmitter with Integrated DRO

P/N: 60TXxxxx

Electrical Specifications

TX OUTPUT FREQUENCY	55 – 63 GHz
OUTPUT PSAT	16 dBm
POWER FLATNESS	± 1.5 dB PASSBAND
OUTPUT POWER VS. TEMP	± 3.0 dB PASSBAND
TX MUTE	50 dBc
LO FREQUENCY (INT)	FIXED DRO FREQ. RANGE 12.5 – 16.0 GHz
DRIFT VS. TEMP LO (DRO)	2.5 ppm/deg C
IF FREQUENCY RANGE	10 MHz-1.3 GHz
IF VSWR	2.0:1
RF VSWR	2.5:1
DC POWER	+5 V 800 mA -5 V 50 mA
RF OUTPUT CONN.	WR-15
IF INPUT CONN.	SMA
TEMP RANGE	-30° C TO +75° C



Description

The LNX line of transmitters offers small size, high performance, repeatability and reliability. Transmitters can be configured for fixed gain or with external gain adjustment. The LO source can be either customer supplied or internally generated. Also the optional temperature stable power detector can be custom configured to specific customer requirements. Various packages are available as well as custom designs.

