

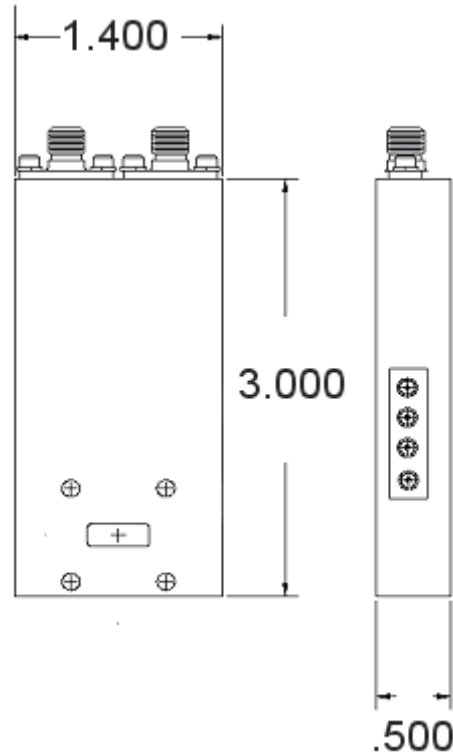
23 & 26 GHz Transmitter for Communication Applications

P/N: 23TXxxxx

26TXxxxx

Electrical Specifications

R.F. FREQ. (GHz)	21.2 – 23.6 (24.2 – 26.5)
L.O. FREQ. (GHz)	11.5 – 12.6
IF FREQ. (GHz)	1.5 – 2.5
L.O. INPUT POWER	10 dBm
IF INPUT POWER	+6 dBm +/-1 dB
R.F. OUTPUT POWER	19 dBm Min
R.F. POWER ADJUST	-3.5V
R.F. POWER CONTROL	50 dB
MUTE	65 dB
R.F. POWER FLATNESS	+/-1.5 dB
POWER VARIATION vs. TEMP	+/-2.5 dB
R.F. DET. DYNAMIC RANGE ADJUSTABLE FROM	25 dB 50 mV TO 3.0 V
RF RETURN LOSS	-10 dB
LO RETURN LOSS	-10 dB
IF RETURN LOSS	-10 dB
POSITIVE SUPPLY	+6 V @ 600 mA
NEGATIVE SUPPLY	-5 V @ 30 mA
RF OUTPUT CONN.	WR-42
LO INPUT CONN.	SMA
IF INPUT CONN.	SMA
TEMP RANGE	-30° C TO +75° C



Dimensions in Inches

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.

