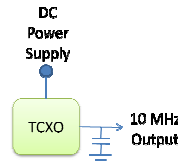


SMA Output 10 MHz

Case PN: 6UDD6W6S1A1

Features:

- 10 MHz Frequency
- Temperature Stability:  $\pm 0.28$  ppm (Stratum 3)
- Output: Clipped Sinewave
- Phase Noise: -155 dBc/Hz @ 10KHz offset
- Power Supply: +3.3 V
- Temperature: -40 °C to 85 °C
- SMA Female Connector (50 ohm system)



Electrical Schematic

Electrical Specifications:

Item	Parameter		Condition	Electrical Specification			
				MIN	TYP	MAX	UNITS
1	Nominal Frequency			10.000			MHz
2	Operating Temperature			-40		+85	°C
3	Storage Temperature			-55		+155	°C
4	Supply Voltage			3.14	3.30	3.46	V
5	Current Drain					3	mA
6	Output Level			Clipped Sinewave			
7	Frequency Tolerance					1.0	ppm
8	Frequency Stability	vs. Temperature	-40 °C to 85 °C			$\pm 0.28$	ppm
		vs. Load	Standard output load $\pm 5\%$			$\pm 0.2$	ppm
		vs. Supply Voltage	Standard Vcc $\pm 5\%$			$\pm 0.2$	ppm
9	Aging Tolerance		20 years			$\pm 4.6$	ppm
10	Holdover Stability		24 hours			$\pm 0.32$	ppm
11	Phase Noise	@ 10 Hz offset			-100		dBc/Hz
12		@ 100 Hz offset			-127		dBc/Hz
13		@ 1 kHz offset			-147		dBc/Hz
14		@ 10 kHz offset			-155		dBc/Hz
15		@ 100 kHz offset			-158		dBc/Hz
16	RMS Jitter		12KHz-5MHz			0.5	pS

Outline Drawing (inch)

