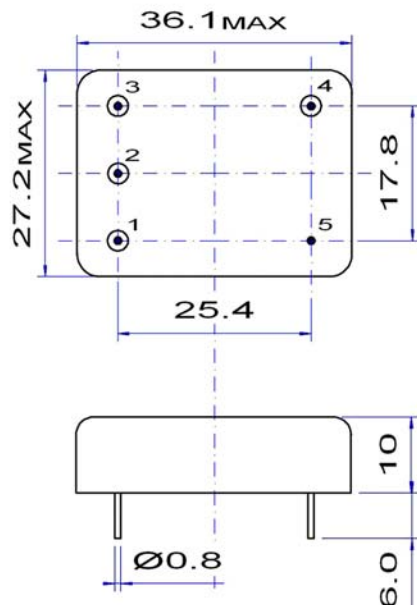


## Through Hole TCXO

- Output signal Sine wave
- Wide frequency range up to 40 Hz
- Low Phase Noise
- Tight frequency stability

Parameter	Specification	
	TXU-105S3	TXU-105S5
Standard range	1.0 ~ 40 MHz	
Standard frequencies	6.40, 10.00, 12.80, 15.36, 16.384 & 20.00 MHz	
Frequency stability:		
vs. Temperature	≤ ± 0.5 ~ ± 2.5 ppm	
vs. Supply & Load change	≤ ± 0.2 ppm	± 5 %
vs. Aging	≤ ± 1.0 ppm	1 <sup>st</sup> year
Frequency tolerance ex. factory	≤ ± 1.0 ppm	@ +25 °C
Supply voltage		
Other values optional on request 9 ~ 12 V	+3.3 V ± 5 %	+5.0 V ± 5 %
Supply current	5 ~ 20 mA	
Output signal	Sine wave	
Output level	0 dBm	10 dBm
Output load	50 Ω	
Frequency adjustment	± 5 ppm With internal trimmer Optional with external potentiometer	
Operating temperature range	-20 ~ +75 °C	Standard application
	-40 ~ +85 °C	Industrial application
Storage temperature range	-55 ~ +125 °C	
Customers specs on request		



### Pin function

- # 1 GND or external potentiometer
- # 2 GND or N.C.
- # 3 Vdc Supply voltage
- # 4 RF Output
- # 5 GND case

### Other Pin function on request

Phase Noise	-100 dBc/Hz	@	10 Hz
(@ 15.36 MHz carrier)	-130 dBc/Hz	@	100 Hz
	-145 dBc/Hz	@	1 kHz
	-148 dBc/Hz	@	10 kHz
	-152 dBc/Hz	@	100 kHz

### Environmental & Mechanical specification

Shock	MIL-STD-883C, Method 2002, Con B
Vibration	MIL-STD-883C, Method 2007, Con A
Solderability	MIL-STD-883C, Method 2003
Seal integrity	MIL-STD-883C, Method 2014, Con C&A2

**2002/95/EC RoHS compliant**

29 sept. 09