



### Features and Benefits

- 26MHz Frequency
- 3.3V Supply voltage
- Square wave Output
- ±1.0ppm Stability Vs -20C ---+70C
- 20.4x20.4x10.7mm Size

### Typical Applications

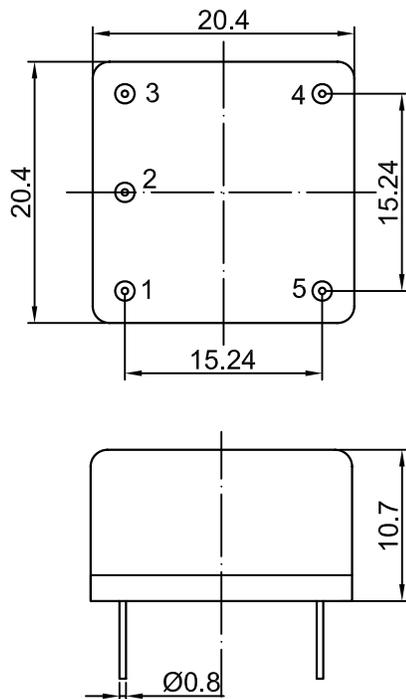
- Synthesizers
- SATCOM System
- Portable Applications

### Description

TCXO2020AM-26MHz-B offers good frequency stability and low phase noise performance.

### Mechanical Drawing & Pin Connections

Drawing No: MD140082-4



#### Pin Function

Pin	Function
1	Supply Voltage
2	Output
3	GND
4	GND
5	GND

Unit in mm  
1mm = 0.0394 inches



**Specifications**

Oscillator Specification	Sym	Condition	Value			Unit	Note
			Min.	Typ.	Max.		
Operational Frequency	F <sub>nom</sub>			26		MHz	
Output				Square wave			
Load				15		pF	
Duty cycle			45		55	%	
Rise/Fall time					5	nS	
	High Level		0.9V <sub>cc</sub>			V	
	Low Level				0.33	V	
<b>Power Supply</b>							
Voltage	V <sub>cc</sub>		3.15	3.30	3.45	V	
Current			6	8	10	mA	
<b>Frequency Stability</b>							
Versus temperature				±1		ppm	
Tolerance				±0.5		ppm	
Versus change in supply voltage					200	ppb	
Versus change in load					200	ppb	
First Year Aging					+1.0	ppm	
Phase noise		1000 Hz			-130	dBc/Hz	
<b>Environmental Conditions</b>							
Operating temperature range	-20°C to 70°C						
Storage temperature range	-55°C to 100°C						