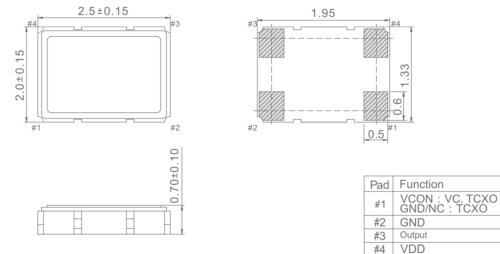


SMD Oscillator TCXO SMD2520-M4 MHz



Dimension:



Part Number:	40-0027
Description:	O-TCXO-SMD2520-M4-24.000000 MHz-2.8-2.0-4085-CSW
Manufacturer:	UTECH
Series Type:	SMD2520-M4 QPS2
Dimension (mm):	2.5 × 2.0 × 0.70

Electrical Characteristics

Frequency:	24.000000 MHz
Oscillation Mode:	Fundamental
Supply Voltage (VCC):	2.8V ±5%
Input Current:	1.5 mA max
Output Level Clipped Sine(Vp-p):	0.8V min
Harmonics:	-5 dBc max
Frequency Tolerance After Reflow (at +25°C):	±2 ppm max
Frequency Stability Vs Temperature Range:	±2 ppm max
Operating Temperature Range:	-40 ~ +85°C
Temperature slope @-20 ~ +70°C:	±0.1 ppm / °C
Temperature slope @-40 ~ +85°C:	±0.3 ppm / °C
Storage Temperature Range:	-40 ~ +85°C
Frequency Stability Vs Supply Voltage (±5%):	±0.2 ppm
Frequency Stability Vs Load (±10%):	±0.2 ppm
Output Waveform:	Clipped Sine wave
Output Load:	10 KΩ // 10 pF
Start-up Time Vs frequency:	≤ 2.0 ms / within ±1 ppm
Aging:	±1 ppm max first year

Phase Noise

10Hz Offset	-70 dBc/Hz
100Hz Offset	-105 dBc/Hz
1KHz Offset	-125 dBc/Hz
10KHz Offset	-145 dBc/Hz
100KHz Offset	-150 dBc/Hz

Package Unit:	3000pcs/reel
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