

2,1 x 1.3 mm TCXO 32.768 kHz

Temperature Compensated Crystal Oscillator



Features

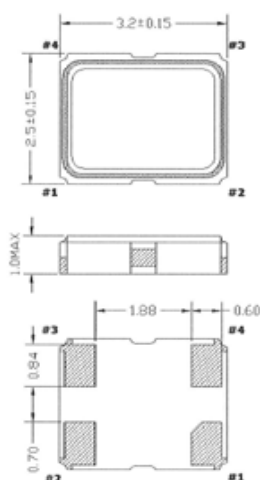
Reflow solderable, ceramic SMD
 RoHS compliant
 Fast start up

Wearable Devices, Digital Health Devices, Utility Meters, IoT, Modules, Data Modems

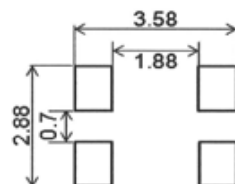
Specifications

Item	Symbol	Specifications	Conditions
Output frequency	f_0	32.768 kHz	
Supply voltage	Vcc	+1.3V to 5.5V	
Current consumption	Icc	Typical 1 μ A, 2 μ A max. without load	
Output	Vpp	CMOS square Waveform	
Operating Temperature Range	$^{\circ}$ C	-40 $^{\circ}$ C ... +85 $^{\circ}$ C	
Frequency stability	ppm	Min. \pm 5ppm over -40 $^{\circ}$ C ... +85 $^{\circ}$ C	
Frequency tolerance	f_tol	Min \pm 1.5ppm @ 25 $^{\circ}$ C \pm 3 $^{\circ}$ C	
Dimension	mm	2.1 x 1.3 x 1.1 mm	

Mechanical Dimensions (mm):



Pin	Connection
#1	GND
#2	GND
#3	Output
#4	V _{DD}



Note : Please connect a bypass capacitor
 Closely to Vcc Pad.(10nF recommended)