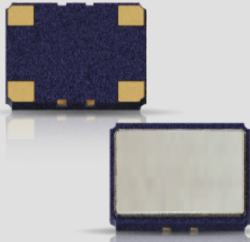
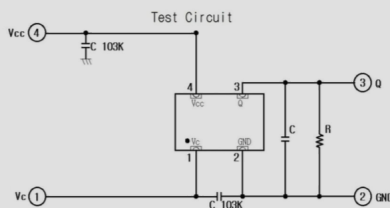


Oscillator VCTCXO SMD5032

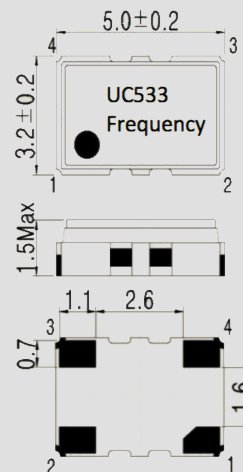


quarzwerk Part Number:	51-0001	
Manufacturer:	Dow Enterprise Co., Ltd.	
Series:	UC533	
Type:	Oscillator VCTCXO SMD5032	
Dimension (mm):	5.0 x 3.2 x 1.50	
Frequency:	19.200000 MHz	
Supply Voltage (V _{DD}):	+3.3 Vdc ±5%	
Input Current:	1.5 mA max.	
Frequency Tolerance at +25°C:	±2.0 ppm	
Frequency Stability ...		
... vs Temperature Range:	±1.5 ppm	
... vs Supply Voltage (±5%):	±0.3 ppm	
... vs Load (±5%):	±0.3 ppm	
Aging:	< ±1.0 ppm	
Output Logic / Output Load:	Clipped Sine Wave / 10kΩ/10pF / 0.8V _{P-P} min	
Control Voltage Range:	0.5V ~ 2.5V	
Absolute Pulling Range (APR):	±8.0 ppm min., +1.5V ±1.0V (Linearity 10%)	
Operating Temperature:	-30°C to +75°C	
Storage Temperature:	-40°C to +85°C	
Symmetry:	50% ±5%	
Rise & Fall Time:	Not specified at „Clipped Sine Wave“ output	
Phase Noise (typical):	10 Hz	-80 dBc/Hz
	100 Hz	-105 dBc/Hz
	1 kHz	-127 dBc/Hz
	10 kHz	-140 dBc/Hz
	100 kHz	-140 dBc/Hz
1 MHz	-145 dBc/Hz	
RoHS :	Pb free - 2011/65/EU (RoHS 2) compliant	
Package Unit:	1000pcs/reel	

Test Circuit

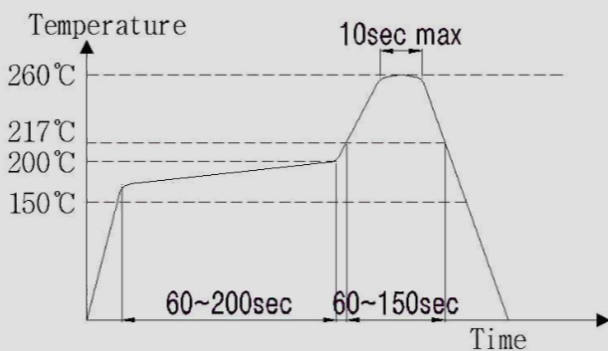


Dimension



Pin connection
 #1 : V_c
 #2 : GND
 #3 : OUTPUT
 #4 : V_{DD}

Recommended Reflow Soldering Standard Condition



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