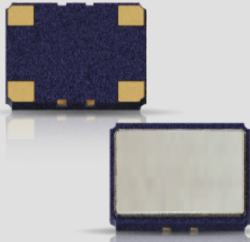
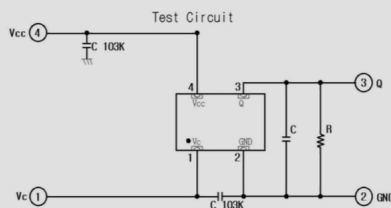


Oscillator VCTCXO SMD5032

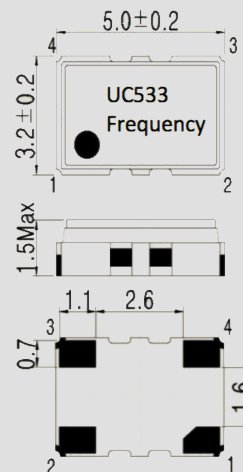


| | | |
|------------------------------------|---|-------------|
| quarzwerk Part Number: | 51-0002 | |
| Manufacturer: | Dow Enterprise Co., Ltd. | |
| Series: | UC533 | |
| Type: | Oscillator VCTCXO SMD5032 | |
| Dimension (mm): | 5.0 x 3.2 x 1.50 | |
| Frequency: | 19.200000 MHz | |
| Supply Voltage (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: | ±2.5 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

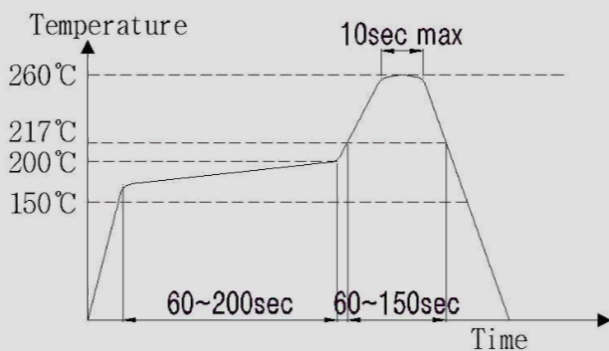


Dimension



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

Recommended Reflow Soldering Standard Condition



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