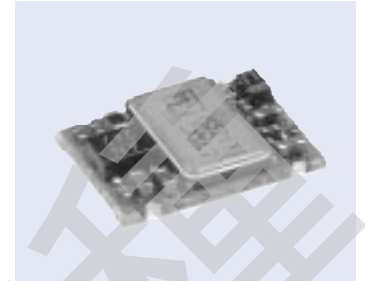


**Product Data (VC-TCXO/TCXO)**

**TCO-9133 (0.06cc)**

**Features**

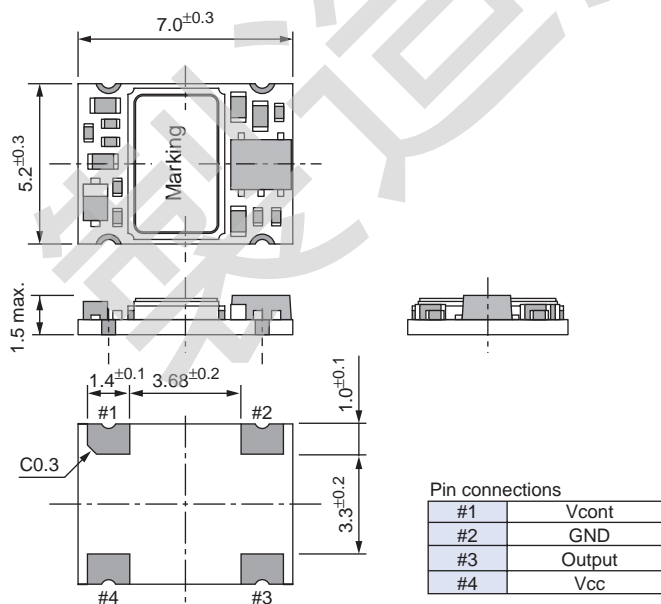
- Miniature size: 7W × 5.2D × 1.5H mm
- Surface mountable
- Low phase noise (-140dBc/Hz Max. @ 1kHz offset)



**Specifications**

Type	TCO-9133	
Standard frequency	13 to 26 MHz	
Supply voltage	+3 V±5%	
Supply current	2 mA Max.	
Output level	0.8 Vp-p Min. (DC-cut, clipped sinewave) 10 kΩ // 10 pF	
Frequency stability	vs Temperature	±2.5 ppm Max. / -30 to +75°C (referred to +25°C)
	vs Supply voltage	±0.3 ppm Max. / +3 V±5%
	vs Load	±0.2 ppm Max. (10 kΩ±1 kΩ // 10 pF±1 pF)
	Frequency tolerance	±4 ppm Max. / +25°C±2°C (after reflow)
	Aging	±1 ppm Max. / year
Frequency control range	±8 ppm Min. / +1.5 V±1 V	

**External Dimensions [mm]**



**Footprint [mm]**

