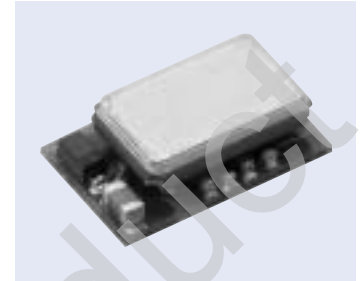


Product Data (VC-TCXO/TCXO)

TCO-9141, 9140 (0.024cc)

Features

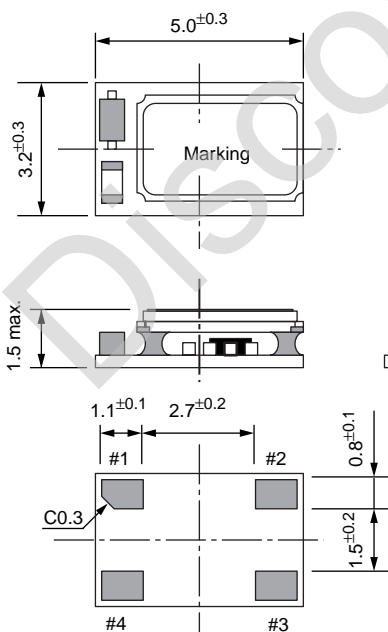
- Miniature size: 5W × 3.2D × 1.5H mm
- Surface mountable
- Low phase noise (−140dBc/Hz Max. @1kHz offset)



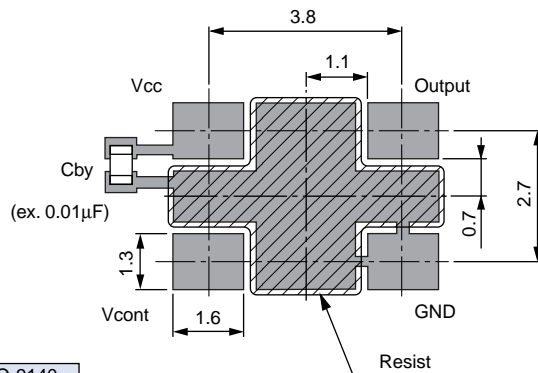
Specifications

Type	TCO-9141	TCO-9140
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 sine wave) 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]



Pin connections		
	TCO-9141	TCO-9140
#1	Vcont	N.C.
#2	GND	
#3	Output	
#4	Vcc	