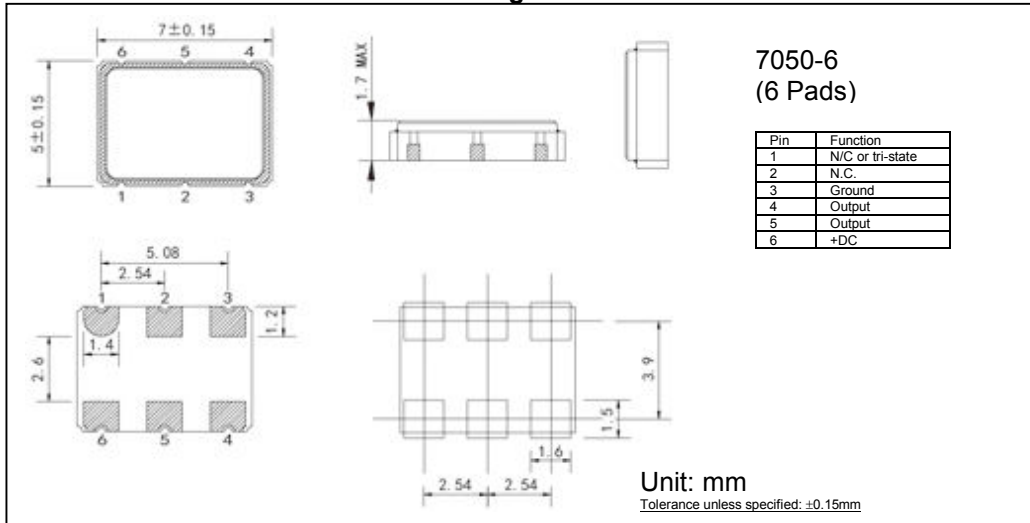




Quartz Crystal Oscillator (7.0 x 5.0 x 1.7mm, LVDS)

● Dimension and Recommended Soldering Pattern



RoHS Compliant
Directive 2002/95/EC

REACH Compliant
(15 SVHCs)
Regulation (EC) No.
1907/2006

TS16949:2002
Certified

● Electrical Specifications

Holder type	7050-6 (7.0 x 5.0 x 1.7mm, surface-mounted, 6 pads)
Frequency range	1.0000MHz to 220.000MHz
Frequency stability	±25ppm to ±50ppm
Supply voltage	2.5V or 3.3V (±10%)
Operating temperature range	-10°C ~ +60°C to -40°C ~ +85°C
Storage temperature range	-40°C ~ +85°C to -55°C ~ +125°C
Symmetry (duty cycle)	40 / 60 standard
Load	100Ω
Current consumption	
- 2.5V	55mA typical (88mA max.)
- 3.3V	60mA typical (90mA max.)
Phase noise	-130dBc/Hz@1KHz (155.52MHz, 3.3V)
Rms jitter (12KHz to 20MHz)	0.17Ps(156.25MHz, 3.3V)
Typical frequencies	61.44MHz, 122.88MHz, 155.52MHz, 156.25MHz

- The above information is for reference only. For other frequencies or specifications, please consult with our sales representatives for details.

● Test Circuit

