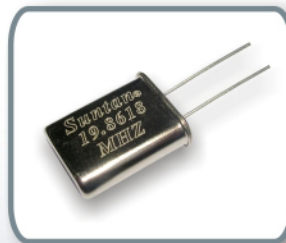


三泰 科技 有 限 公 司

Suntan® Technology Company Limited

» Quartz Crystal

*Suntan is a Hong Kong based manufacturer of Quartz Crystal.
Including crystal oscillators and quartz crystals in a variety of package types.
Quartz is a piezoelectric material that moves when placed in an electric field.
A quartz crystal is a vibrating piece of quartz.
Quartz crystals are available in a myriad of shapes and sizes, and can range
widely in performance specifications.*



FEATURES:

- › Low cost
- › Wide frequency range
- › Good aging and temperature stability
- › Metal Models
- › PB – free & ROHS Compliance
- › Tight tolerance / stabilities available

SPECIFICATIONS:

Holder Type : HC-49U Frequency Range : 1.8432MHz – 200.000MHz	
Holder Type : HC-49S (2pin & 3pin) Frequency Range : 3.200MHz – 90.000MHz	
Holder Type : HC-49S SMD 2pad Frequency Range : 3.200MHz – 90.000MHz	
Operating Temperature Range	-10°C ~ +60°C typical or custom-designed
Storage Temperature Range	-40°C ~ +85°C typical
Drive Level	100uW typical
Load Capacitance	8pF-32pF or Series
Frequency Tolerance	±30ppm or custom-designed
Frequency Stability	±50ppm or custom-designed
Shunt Capacitance	7.0pF max
Insulation Resistance	500MΩmin.at DC 100V
Aging First Year	±5ppm max

Mechanical Dimensions:

TSQ-HC-49U		<p>HC-49U H=13.46 L=13.2 Bulk L=20.0 TR</p>	Unit: mm
TSQ-HC-49S			Unit: mm
TSQ-HC-49SMD		<p>Packing: 1000pcs per reel</p>	Unit: mm