

PRODUKT-INFO

HC-51/U • HC-33/U LOW FREQUENCY CRYSTAL

FEATURES

1. Wide frequency range.
2. Resistance weld.
3. Tight tolerance and stability over temperature.
4. Metal package / holder.

APPLICATION

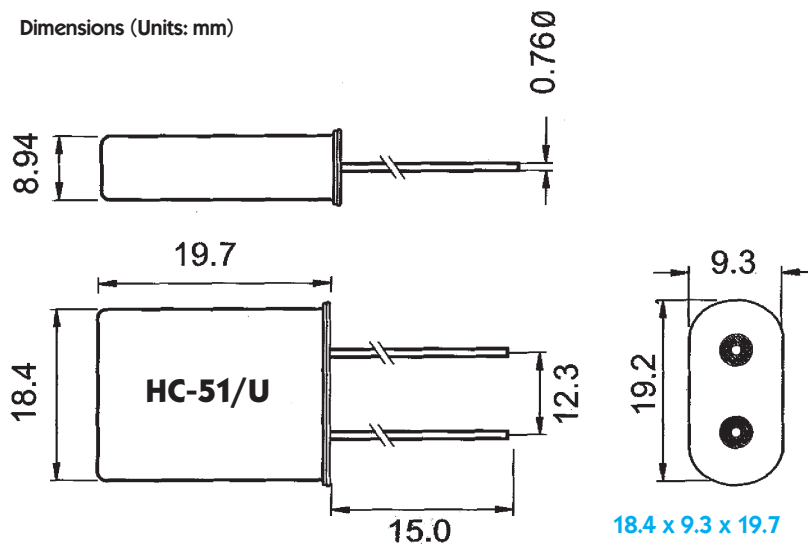
Microprocessor Systems, Data Communications,
Consumer Electronics, Automotive Electronics.

Actual Size



ELECTRICAL SPECIFICATIONS	
Model	HC-51/U (also known as HC-33/U)
Frequency Range	455.0 kHz ~ 756.8 kHz 0.8 MHz~ 4.5 MHz
Frequency Tolerance (at +25°C)	±30 ppm (±0.003%) ±50 ppm (±0.005%)
Frequency Stability	±100 ppm (±0.01%) (-10°C to +60°C) ±30 ppm (±0.01%) (-10°C to +60°C)
Crystal Cut	SL-cut AT-cut
Load Capacitance (C _L)	20 pF, 30 pF, etc. (Customer Spec.)
Drive Level	1000 µW max.
Shut Capacitance (C ₀):	7 pF max.
Operating Temperature Range	-10°C to +60°C, -40°C to +85°C
Aging (at +25°C) first year	±7 ppm (±0.0007%) / year max.

Dimensions (Units: mm)



*Crystals...
and more*

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All specifications subject to change without notice.