

HC51U

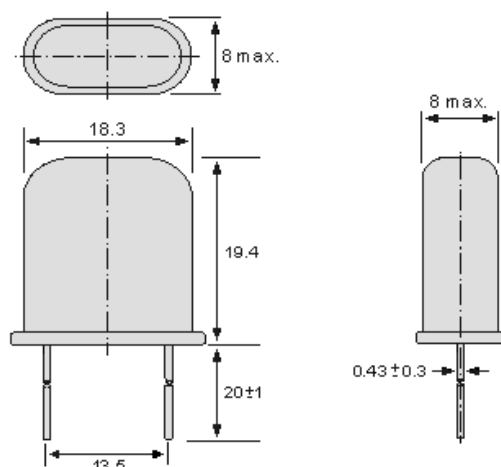


©COMTEC CRYSTALS Group

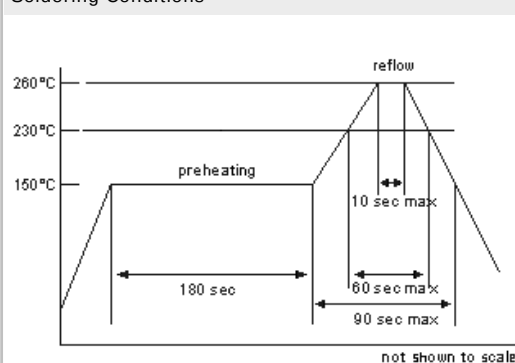
Quartz Crystal Unit HC33U/HC51U

- Standard Quartz Crystal
- Excellent Stability
- Available in many standard and special frequencies
- RoHS conform; Lead-free product

External Dimensions



Soldering Conditions



Specifications

Holder Type:	HC33U/HC51U
Frequency Range:	0.800 to 35.000 MHz (fun.) 15.000 to 100.000 MHz (3rd) 45.000 to 160.000 MHz (5th) 100.000 to 210.000 MHz (7th) 140.000 to 250.000 MHz (9th)
Frequency Stability at 25°C:	±5 to ±50 ppm
Temperature Stability:	±5 to ±30 ppm @ -10°C to +60°C ±10 to ±30 ppm @ -20°C to +70°C ±15 to ±50 ppm @ -40°C to +85°C ±55 to ±50 ppm @ -55°C to +125°C
Storage Temperature:	-50°C to +125°C
Drive Level:	100µW (500µW max.)
Load Capacitance (CL):	10pF to 60pF, series (00)
Shunt Capacitance (C0):	< 7pF
Crystal Cut & Vibration Mode:	AT-cut, fundamental; - 3rd, 5th, 7th, 9th overtone
Equivalent Series Resistance:	R = 15 Ohm (fun.) - 3000 Ohm max.
Aging:	< ±3ppm max. / year (max.)

GERMANY:

COMTEC CRYSTALS GmbH · Sultenstrasse 12-14
85586 Poing / GERMANY
Phone +49 8121 778160 · Fax +49 8121 778177
e-Mail info@comtec-crystals.com
Internet: <http://www.comtec-crystals.com>
Subject to change without prior notice.



Technical Data and Graphics are all under
Copyright (c) of Comtec Crystals Group.

FRANCE:

COMTEC CRYSTALS SARL · 23, rue du Faucon
67500 Haguenau / FRANCE
Phone +33 388 732162 · Fax +33 388 730118
e-Mail sales@comtec-crystals.com
Internet: <http://www.comtec-crystals.com>
Sous réserve de modifications.