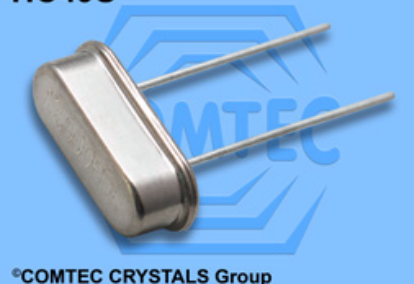


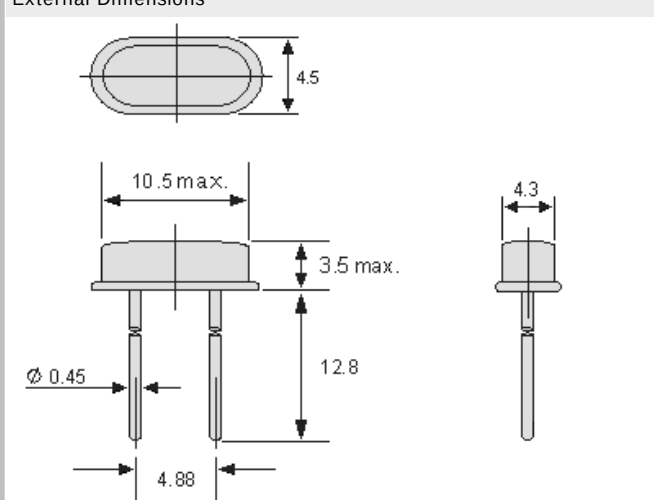
HC49S



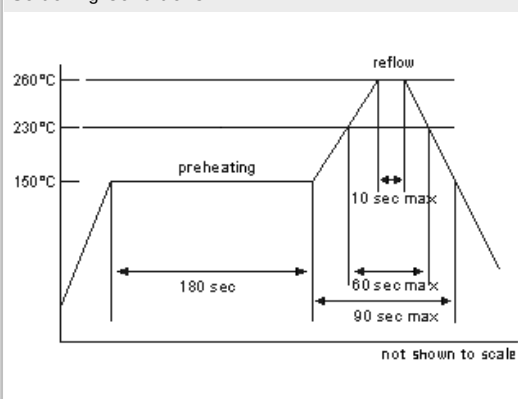
Quartz Crystal Unit HC49S

- Standard Quartz Crystal
- Metal Case, available with Radial Taping Package (from 1 k)
- RoHS conform; Lead-free product
- Available in many standard and special frequencies

External Dimensions



Soldering Conditions



Specifications

Holder Type:	HC-49S, (HC49U70, HC49U3H/4H)
Frequency Range:	3.2768 to 48.000 MHz (fun.) 27.000 to 70.000 MHz (3rd)
Frequency Stability at 25°C:	±10 to ±50 ppm
Temperature Stability:	±10 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 ±50 to ±100 ppm @ -40°C to +105°C
Storage Temperature:	-50°C to +105°C
Drive Level:	100µW (500µW max.)
Load Capacitance (CL):	8pF to 32pF, series (00)
Shunt Capacitance (C0):	< 7pF
Crystal Cut & Vibration Mode:	AT-cut, BT-cut, fundamental; - 3rd overtone
Equivalent Series Resistance:	R = 30 Ohm (fun.) - 150 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>
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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.