

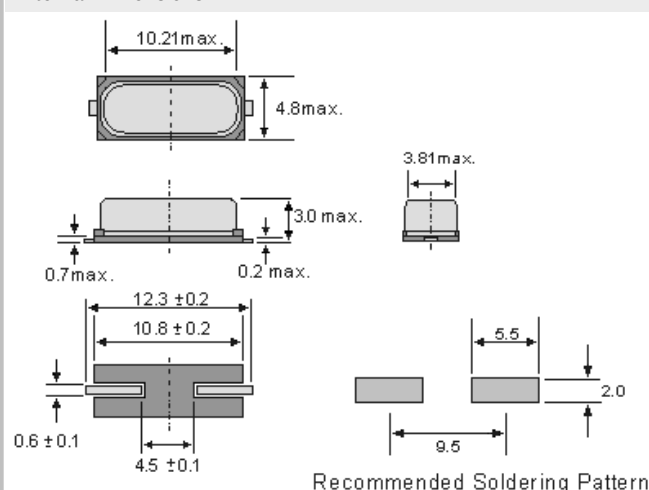
HC49SSM



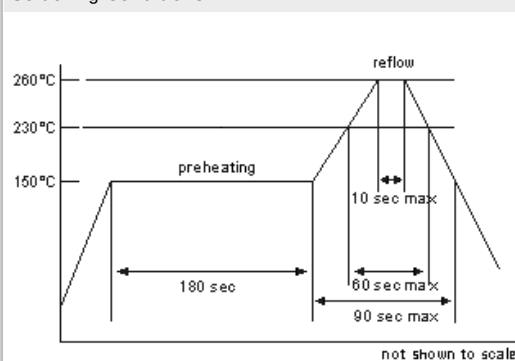
Quartz Crystal Unit HC49SSM, h = 3.0 mm

- Standard Quartz Crystal SMD with 2 pads
- Metal Case
- on Tape & Reel
- Available in many standard and special frequencies
- RoHS conform; Lead-free product

External Dimensions



Soldering Conditions



Specifications

Holder Type:	HC-49SSM with 2 pads
Frequency Range:	3.000 to 70.000 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 = 40 Ohm (fun.) - 150 Ohm max.
Aging:	< ±3ppm max. / year (max.)

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