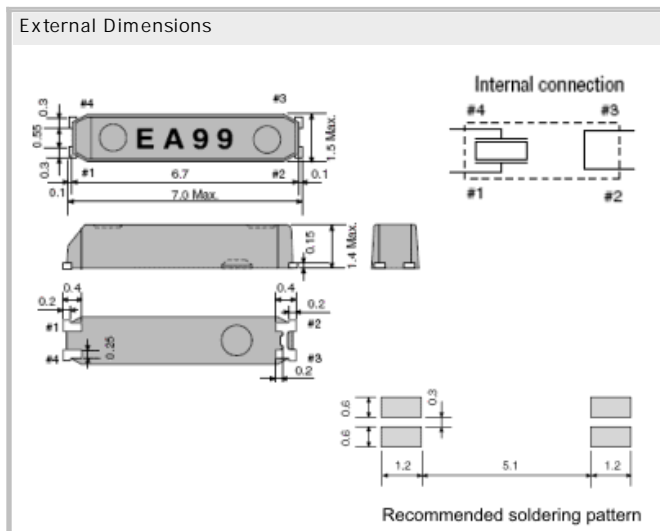


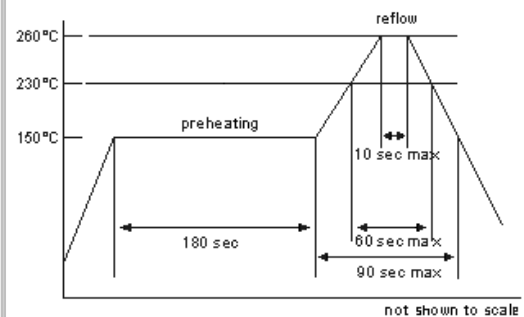


## Quartz Crystal Unit MC146

- kHz Range Crystal Unit SMD
- SMD in plastic case (7.0 x 1.5 x 1.4) mm
- on Tape & Reel
- Available in many standard and special frequencies
- RoHS conform; Lead-free product



## Soldering Conditions



## Specifications

Holder Type:	MC146
Frequency Range:	32.000 to 100.000 kHz
Frequency Stability at 25°C:	± 20 to ± 100 ppm
Temperature Stability:	± 20 to ± 100 ppm @ -40°C to +85°C
Storage Temperature:	-55°C to +125°C
Drive Level:	1.0 µW max.
Load Capacitance (CL):	7pF, 12.5pF
Shunt Capacitance (CO):	< 1.2 pF
Equivalent Series Resistance:	25 kOhm min. to 65 kOhm max.
Aging:	± 3 ppm / year max.

### GERMANY:

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