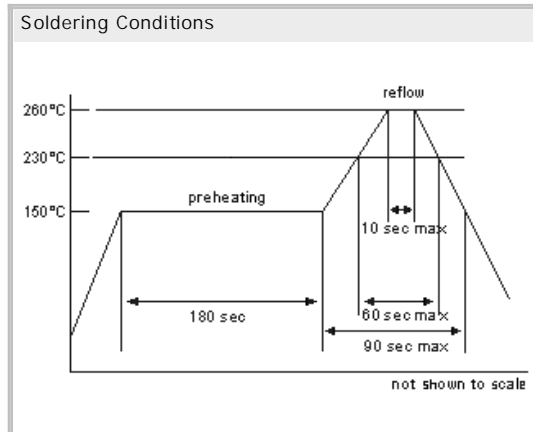
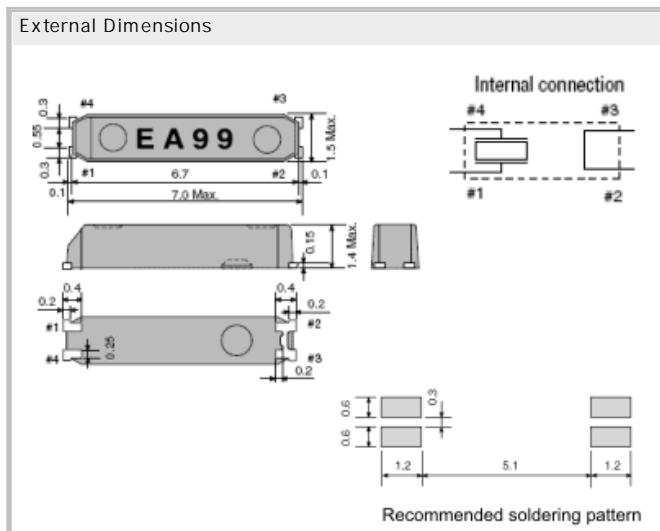




Quartz Crystal Unit MC146

- 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



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:

COMTEC CRYSTALS GmbH · Sultenstrasse 12-14
8 5 5 8 6 P o i n g / G E R M A N Y
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
6 7 5 0 0 H a g u e n a u / F R A N C E
Phone +33 388 732162 · Fax +33 388 730118
e-Mail sales@comtec-crystals.com
Internet: <http://www.comtec-crystals.com>
Sous réserve de modifications.