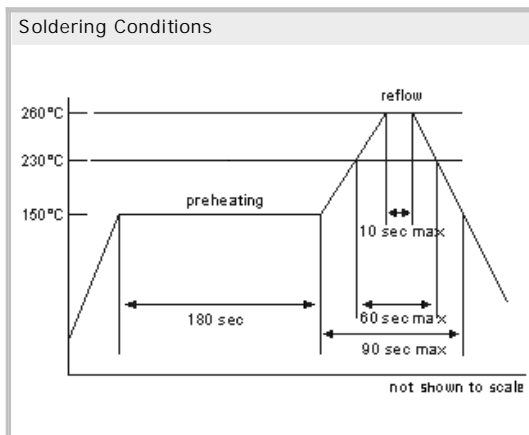
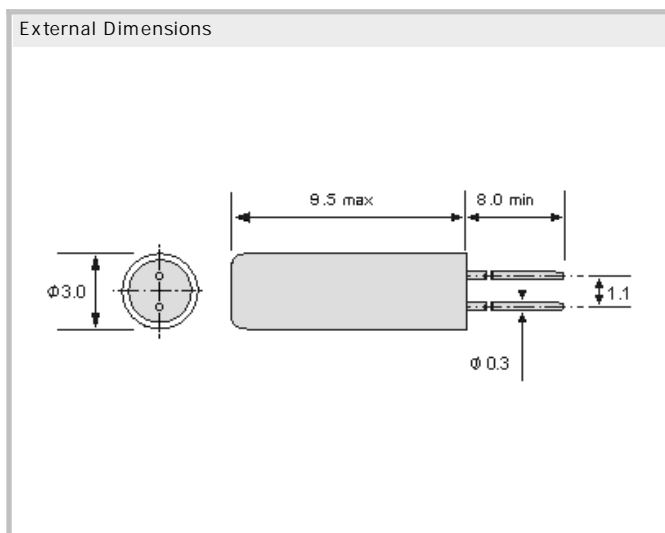




Quartz Crystal Unit TC-39

- Cylinder Metal Case (3.0 x 9.0) mm
- Available in many standard and special frequencies
- Applications for Clock and Microcomputer
- RoHS conform; Lead-free product



Specifications - Product No. A01200000A0FAPN01DB

Holder Type:	TC-39
Frequency:	12.000000 MHz
Frequency Stability at 25°C:	± 30 ppm
Temperature Stability:	± 50ppm @ -20°C to +60°C
Storage Temperature:	-40°C to +85°C
Drive Level:	1.0 µW max.
Load Capacitance (CL):	12.5 pF
Shunt Capacitance (CO):	< 7pF
Crystal Cut & Vibration Mode:	AT- cut, fundamental
Equivalent Series Resistance:	60 Ohm max.
Aging:	< ± 5 ppm max./year

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>
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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.