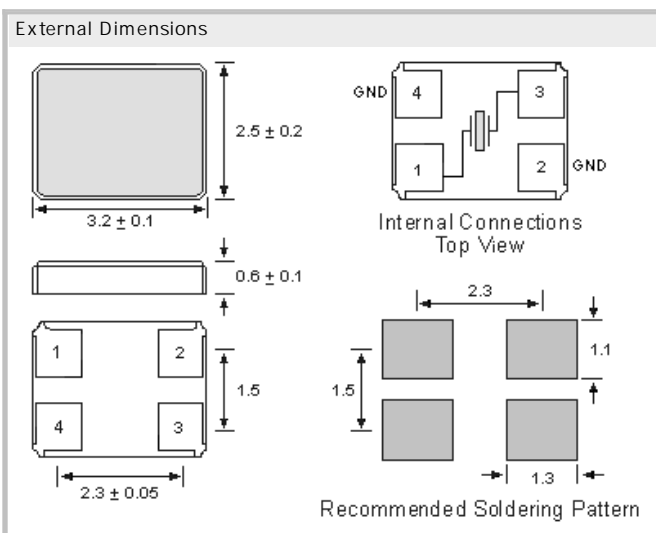
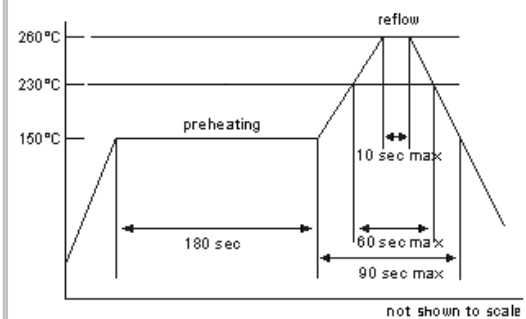


Quartz Crystal Unit CM3225-4pad

- SMD in ceramic case (3.2 x 2.5 x 0.6) mm
- The whole package is grounded via the top metal lid and the two bottom pads.
- Available in many standard and special frequencies
- on Tape & Reel
- RoHS conform; Lead-free product



Soldering Conditions



Specifications - Product No. A048000000CI FHPN00GG

Holder Type:	CM3225-4pad
Frequency:	48.000000 MHz
Frequency Stability at 25°C:	± 10 ppm
Temperature Stability:	± 10 ppm @ -20°C to +70°C
Storage Temperature:	-50°C to +105°C
Drive Level:	10µW (< 100µW max.)
Load Capacitance (CL):	18 pF
Shunt Capacitance (C0):	< 5pF
Crystal Cut & Vibration Mode:	AT- cut, fundamental
Equivalent Series Resistance:	60 Ohm max.
Aging:	< ± 3ppm max. / 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.