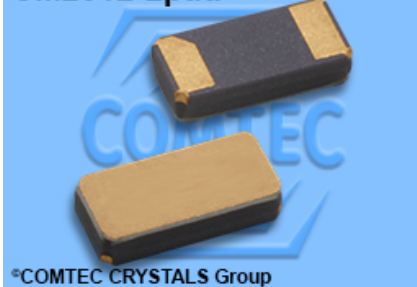
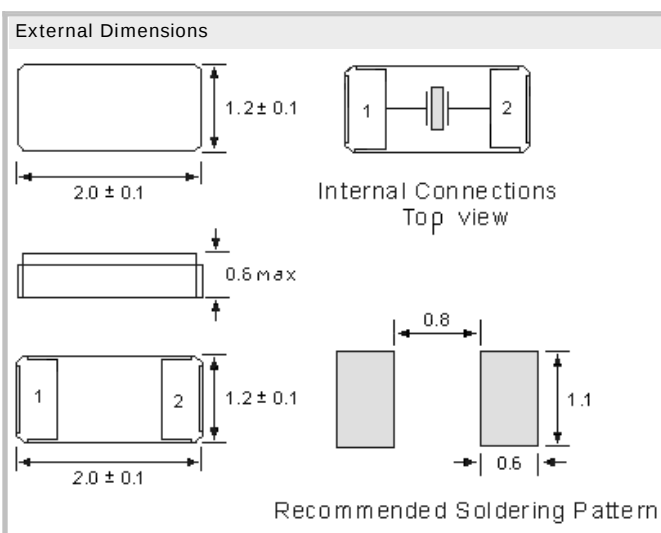


CM2012-2pad

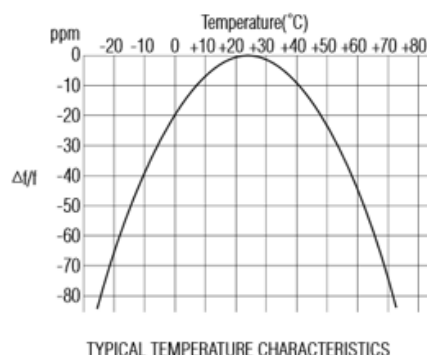


Quartz Crystal Unit CM2012-2pad

- SMD in ceramic case (2.0 x 1.2 x 0.6) mm
- Available in many standard and special frequencies
- on Tape & Reel
- RoHS conform; Lead-free product



XY-CUT



Specifications - Product No. A000032768BNFZPN43GE

Holder Type:	CM2012-2pad
Frequency:	32.768000 kHz
Frequency Tolerance at 25°C:	±10 ppm
Temperature Stability:	±20 ppm @ -40°C to +85°C
Storage Temperature:	-50°C to +105°C
Drive Level:	1.0μW max.
Temperature coefficient (beta):	-0.034ppm/°C ² , typical
Load Capacitance (CL):	9.0 pF
Shunt Capacitance (C0):	1.3 pF, typical
Equivalent Series Resistance:	70k Ohms max.
Aging:	< ±5ppm max. / year (max.)
Reflow Condition:	10 sec.max. at +250°C ±10°C

GERMANY:

COMTEC CRYSTALS GmbH · Sultenstrasse 12-14
 85586 Poing / GERMANY
 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
 67500 Haguenau / FRANCE
 Phone +33 388 732162 · Fax +33 388 730118
 e-Mail sales@comtec-crystals.com
 Internet: <http://www.comtec-crystals.com>
 Sous réserve de modifications.