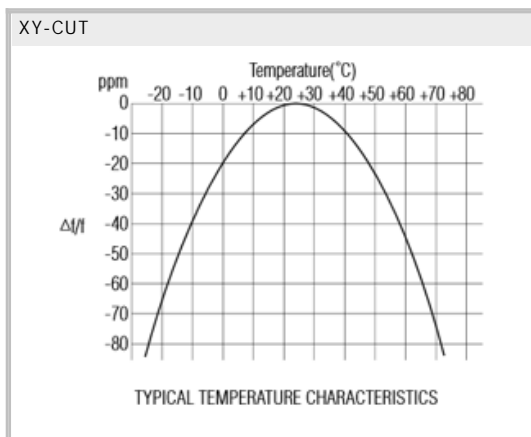
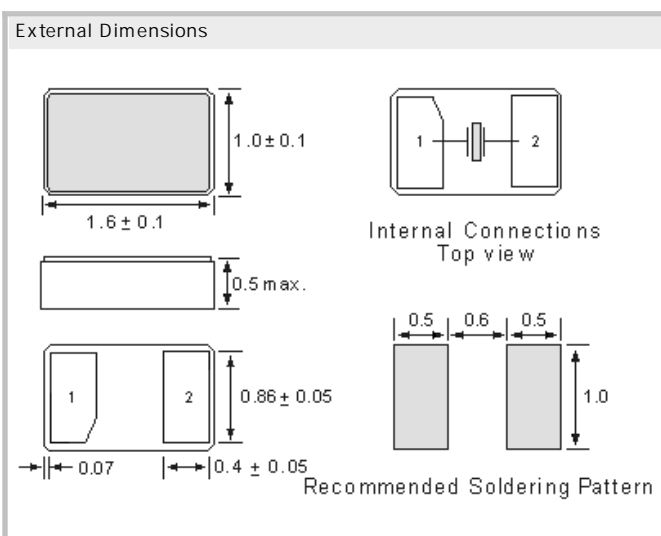




## Quartz Crystal Unit CM1610-2pad

- SMD in ceramic case (1.6 x 1.0 x 0.5) mm
- Available in many standard and special frequencies
- on Tape & Reel
- RoHS conform; Lead-free product



## Specifications - Product No. A000032768BQFAPN43EE

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Holder Type:                    | CM1610-2pad.gif                     |
| Frequency:                      | 32.768000 kHz                       |
| Frequency Tolerance at 25°C:    | ± 20 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 <sup>2</sup> , typical |
| Load Capacitance (CL):          | 12.5 pF                             |
| Shunt Capacitance (CO):         | 1.3 pF, typical                     |
| Equivalent Series Resistance:   | 90k Ohm max.                        |
| Aging:                          | < ± 5ppm max. / year (max.)         |
| Reflow Condition:               | 10 sec.max. at +250°C ± 10°C        |

### GERMANY:

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