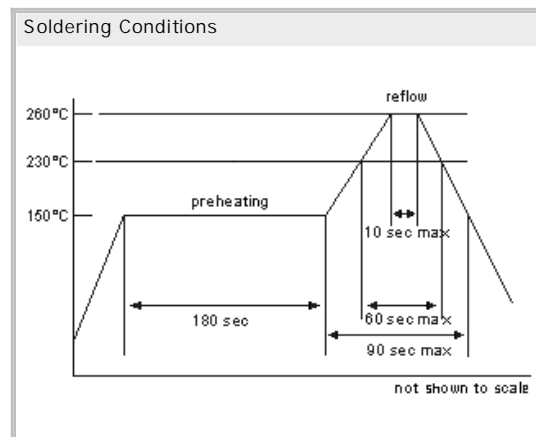
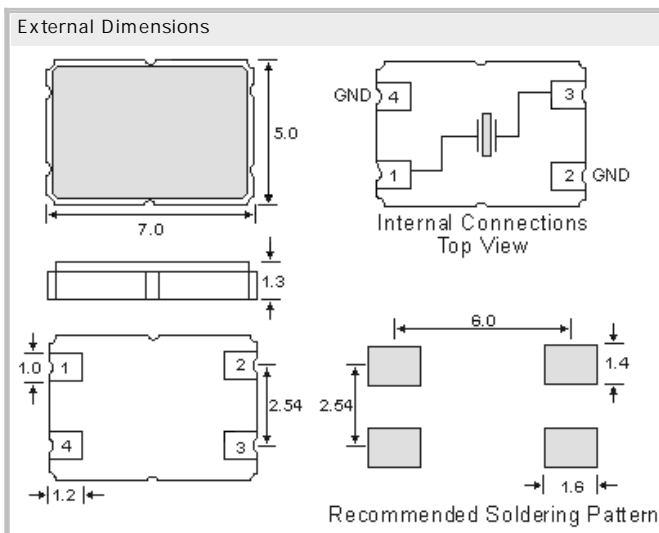


### Quartz Crystal Unit CM7050-4pad

- SMD in ceramic case (7.0 x 5.0 x 1.3) 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



## Specifications

|                               |  |
|-------------------------------|--|
| Holder Type:                  | CM7050-4pad  |
| Frequency Range:              | 6.000 to 50.000 MHz (fun)<br>30.000 to 180.000 MHz (3rd)<br>170.000 to 200.000 MHz (5th)   |
| Frequency Stability at 25°C:  | ± 5 to ± 50 ppm  |
| Temperature Stability:        | ± 5 to ± 30 ppm @ -10°C to +60°C<br>± 10 to ± 30 ppm @ -20°C to +70°C<br>± 15 to ± 50 ppm @ -40°C to +85°C<br>± 100ppm @ -55°C to +125°C |
| Storage Temperature:          | -50°C to +105°C  |
| Drive Level:                  | 10µW (< 100µW max.)  |
| Load Capacitance (CL):        | 8pF to 32pF, series (00)   |
| Shunt Capacitance (CO):       | < 5pF  |
| Crystal Cut & Vibration Mode: | AT-cut, fundamental.; - 3rd overtone   |
| Equivalent Series Resistance: | R = 40 Ohm (fund.) - 100 Ohm max. (3rd)  |
| Aging:                        | < ± 3ppm max. / year (max.)  |

### GERMANY:

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