

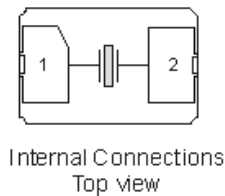
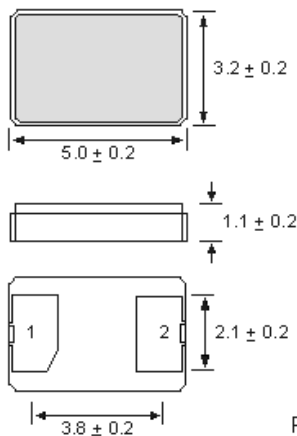
CM5032-2pad



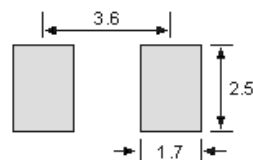
Quartz Crystal Unit CM5032-2pad

- SMD in ceramic case (5.0 x 3.2 x 1.0) mm
- Available in many standard and special frequencies
- on Tape & Reel
- RoHS conform; Lead-free product

External Dimensions



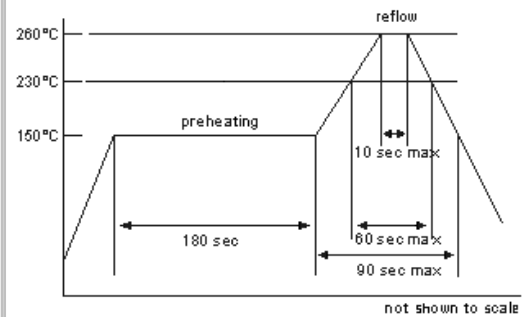
Internal Connections
Top view



Recommended Soldering Pattern



Soldering Conditions



Specifications

Holder Type:	CM5032-2pad
Frequency Range:	8.000 to 70.000 MHz (fun.) 50.000 to 180.000 MHz (3rd) 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 ± 10 to ± 30 ppm @ -20°C to +70°C ± 15 to ± 50 ppm @ -40°C to +85°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 = 150 (fun.) - 80 max. (3rd)
Aging:	< ± 3ppm max. / year (max.)

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