

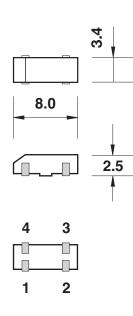
CM200S smd watch crystal 32.768kHz

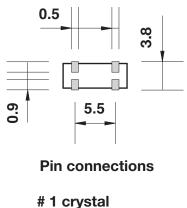
- low profile plastic package
- bulk packed or 16mm tape and reel
- flexure mode
- RoHS compliant

Electrical specification

Case style	CM200S: height 2.5mm
Frequency	32.768kHz
Adjustment tolerance	from ± 20 ppm at $+25^{\circ}$ C as standard, selections available
Temperature tolerance	0.042ppm/°C ²
Operating temperature	(-10 +60)°C ~ (-40 +85)°C
Storage temperature	(-55 +125)°C
Load	12.5pF standard, 9pF to order
Shunt capacitance C _o	1.35pF typical
Drive level	1μW max.
Q factor	70,000 typical
Ageing	±3ppm first year max.
Insulation resistance	500Meg. ohm min. at 100Vd.c.
PART NUMBER	X 32.768K CM200S

CM200S dimensions(mm)





2 N/C # 3 N/C # 4 crystal

Suggested land pattern

