

SMD Crystal 32.768kHz



- Excellent aging characteristics
- Ultrathin thickness 0.6mm
- Reflow is possible
- RoHS compliant and lead free

Part Numbering Example CX212 Z - A2 C5 - 32.768kHz D12.5

CX212	Z	A2	C5	32.768kHz	D12.5
SERIES	ADDED FEATURES	OPERATING TEMP	TOLERANCE	FREQUENCY	LOAD CAP
CX212	Blank = Bulk Pack Z = Tape and Reel	A2 = -40°C + 85°C	C5 = ± 20 ppm C2 = ± 50 ppm		D9 = 9.0 pF D12.5 = 12.5 pF

** Note: the above ABC combinations cover basic specification options. We tailor our crystals specifications to meet customer requirements. Please contact our sales department if you do not see exactly what you need.*

Specifications:		CX212
Frequency	32.768kHz	
Frequency Tolerance at 25°C	± 20ppm, ± 50ppm	
Operating Temperature	-40°C + 85°C	
Equivalent Series Resistance	90k ohms max.	
Temperature Characteristics	25°C ± 5°C	
- Turnover Temperature	-0.045 x 10 ⁻⁶ / °C ² max.	
- Parabolic Curvature Constant		
Drive Level	0.1 uW	
Shunt Capacitance	2.0pF max.	
Load Capacitance	12.5pF, 9.0pF	
Insulation Resistance	500M ohms/ DC 100V	
Aging	± 3ppm/ year	
Package	3K Tape and Reel	



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