

Surface Mount Crystals

Fits Epson MA406 footprint.

Part Numbering Example: CX415 Z - A2 C4 70 - 32.768k D9

CX415	Z	-	A2	C4	70	-	32.768k	D9
SERIES	ADDED FEATURES		OPERATING TEMP.	TOLERANCE	RESISTANCE		FREQUENCY	LOAD CAP.
CX415	Z = Tape & Reel Blank = Bulk Pack		A2 = -40° to + 85°C	C3 = ±30 C4 = ±10 C5 = ±20	SEE CHART BELOW		32.768k	7 pF 9 pF 12.5 pF

***NOTE:** The above ABC combinations cover basic specification options. We tailor our crystal specifications to meet customer requirements. Please contact our sales department if you don't see exactly what you need.

Specifications:

	Min	Typical	Max	Units
Frequency		32.768		kHz
Storage Temperature	-55		+ 125	° C
Operating Temp Range	-40		+ 85	° C
Tolerance C3			30	PPM
Tolerance C4			10	PPM
Tolerance C5			20	PPM
Temperature Coefficient		-0.34 ±0.006		PPM
Load capacitance		7.0		pF
Load capacitance		9.0		pF
Load capacitance		12.5		pF
Series Resistance			70	kΩ
Drive level Max +/-			1	μW
Shunt capacitance		1		pF
Motional capacitance		2		fF
Aging Max +/- First Year			5	PPM
Reflow soldering 10 sec max			260	° C

