



anderson electronics, llc

A Lokos Electronics Company



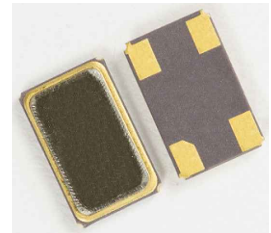
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AE 132 Series Surface Mount Crystal 5.0 x 3.2 x 1.1 mm

Part Numbering Definition Guide: AE-132-A-2-2070-3-20-30M0000								
Example	AE	132	A	2	2070	3	20	30M0000 (Freq. in MHz)
Oscillation Mode			A			Fundamental		
			B			3rd Overtone		
Calibration Tolerance					1			± 10 ppm
					2			± 20 ppm
					3			± 30 ppm
					5			± 50 ppm
					Z			±Custom (Specify)
Operating Temperature					5505			Custom (-55°C to +105°C)
					4085			-40° to +85°
					3060			-30° to +60°
					2070			-20° to +70°
Temperature Stability							5	± 50 ppm
							3	± 30 ppm
							2	± 20 ppm
							1	± 10 ppm
Load Capacitance							18	18 pf
							20	20 pf
							30	30 pf
							32	32 pf
							SE	Series
							XX	Custom (I.E. 08 pf)



FEATURES:

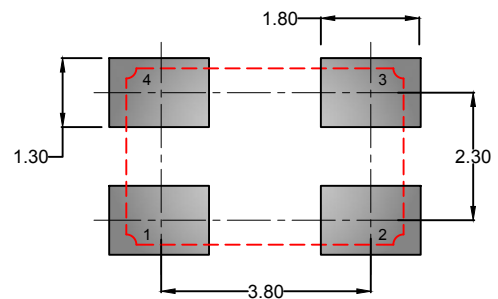
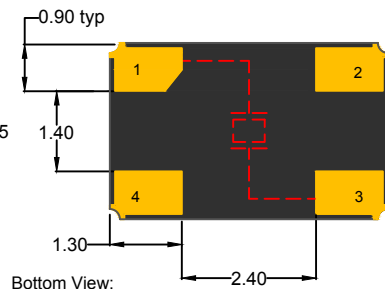
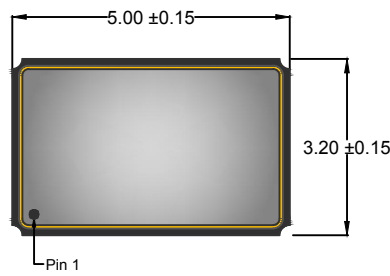
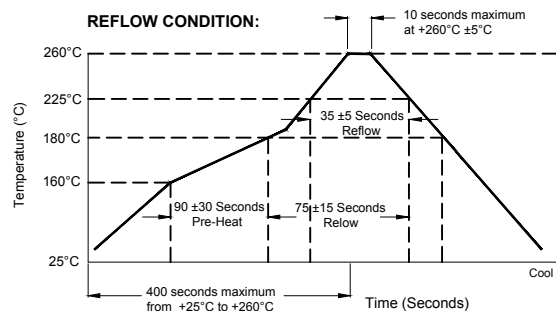
Frequency Range 8.0 MHz - 150.0 MHz
Seam sealed package,
compact and thin package,
exhibits excellent technical performance
in the aspects of frequency stability,
aging, precision and reliability.
Tape/Reel is compliant with EIA 481.
ROHS Compliant/Pb-Free

APPLICATIONS:

This ceramic AE132 package is for
paggers, cellular telephones.
Communication and test equipment.

Parameters	Minimum	Nominal	Maximum	Units
Shunt Capacitance			7.0	pF
Drive Level			100	uW
Aging / year	-5.0		+5.0	Units
Insulation Resistance	500			(M) ohms

Frequency Range (MHz)	Series Resistance (ESR)	Mode of Operation
8.000 - 12.000	80 Ohms maximum	Fundamental
12.000 - 20.000	60 Ohms maximum	Fundamental
20.000 - 40.000	40 Ohms maximum	Fundamental
40.000 - 60.000	100 Ohms maximum	3rd Overtone
60.000 - 150.00	80 Ohms maximum	3rd Overtone



Pin	Connection
1	Crystal
2	Ground
3	Crystal
4	Ground

Dimensions in Units: mm