

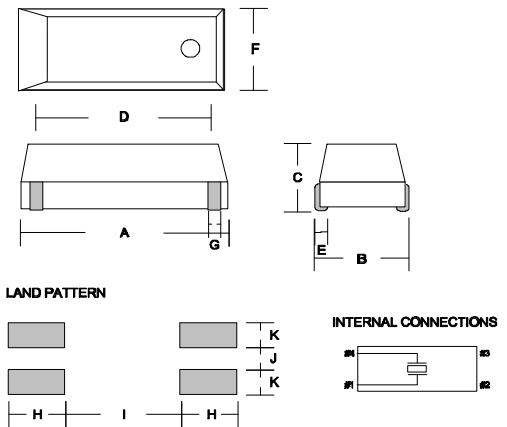
# ECM Surface Mount Crystal

## ECM 200SMX

- Molded Plastic Package
- Small Footprint
- Excellent Shock and Heat Resistance
- Tape & Reel or Bulk Packaging



Parameter	200SMX	
Frequency Range	32.768kHz and 24kHz to 615kHz	Fund
Calibration Tolerance @25°C	+/- 50ppm standard others available	Specify
Temperature Tolerance	+/- 50ppm standard others available	Specify
Operating Temperature	-40°C to +85°C other options available	Specify
Storage Temp	-55°C to +125°C	
Load Capacitance	6pF to 12.5pF	Specify
ESR	20kΩ to 50kΩ Frequency Dependant	
Shunt Capacitance	1.0pf max	
Drive Level	0.1mW max	
Ageing	+/- 5ppm First Year	



### Standard Frequencies in kHz.

24.000	75.000	106.000
26.667	76.800	130.000
31.200	77.025	131.072
32.000	77.040	150.000
32.768	77.056	153.600
38.000	77.500	200.000
38.400	96.000	307.200
40.000	99.660	614.400
65.536	100.000	

A	B	C	D	E	F
8.70	3.70	2.50	5.50	1.40	2.90

G	H	I	J	K
0.60	0.70	4.80	0.70	1.60

Dimensions in mm