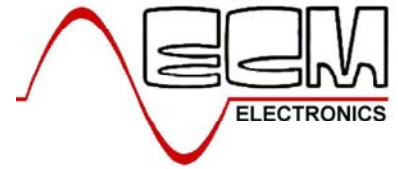


# Surface Mount TCXO



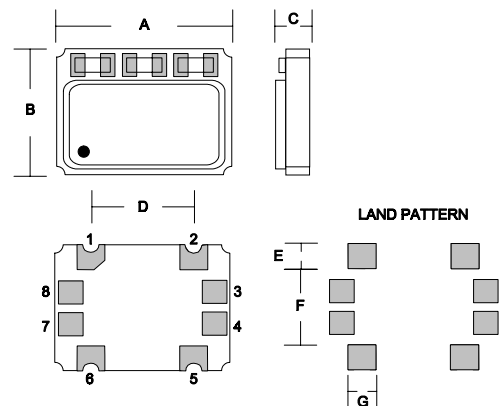
## ECT35230

- Low Profile
- Low Current Consumption
- Excellent Stability
- 3V Supply

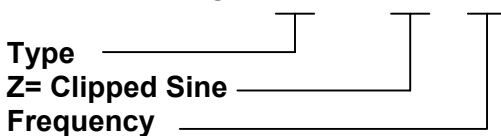


Parameter	ECT35230	
Frequency Range	12.80MHz to 19.68MHz	Specify
Temperature Stability	+/-2.5ppm -30 <sup>0</sup> to +75 <sup>0</sup> C (Other options available)	
Stability vs Supply	+/-0.3ppm	
Supply Voltage	+3V	
Supply Current	1.5mA	
Output Level	0.8V p-p (min)	
Output Waveform	Clipped Sine	
Output Load	10K $\Omega$ //10pF	
Phase Noise 100Hz offset	-110dBc / Hz (typ)	
1kHz offset	-130dBc / Hz (typ)	
Aging	+/-1ppm / yr	

Environmental & Mechanical	
Humidity	+40 <sup>0</sup> C +/-2 <sup>0</sup> C 90% RH for 200Hours
Thermal Shock	+85 <sup>0</sup> C for 30 mins -30 <sup>0</sup> C for 30 mins
Vibration	10 - 55Hz 2mm amplitude 2 hours XYZ axis
Soldering Condition	235 +/-5 <sup>0</sup> c 2 Seconds +/-0.5 S



Part Numbering ECT35230 Z 12.80M



Type	A	B	C	D	E	F	G
All	7.0	5.0	1.8	5.08	1.0	3.0	1.4

Dimensions inmm

Pin	1	2	3	4	5	6	7	8
	N/C	GND	N/C	N/C	O/P	Vcc	N/C	GND

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