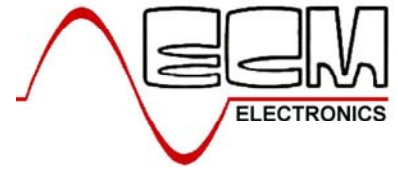


Surface Mount VC-TCXO



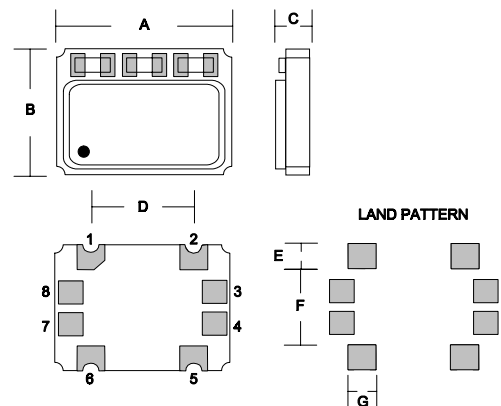
ECVT45230

- Low Profile
- Low Current Consumption
- Excellent Stability
- 3V Supply
- Suitable for Reflow Soldering



Parameter	ECVT45230	
Frequency Range	12.80MHz to 19.68MHz	Specify
Temperature Stability	+/-2.5ppm -30 ^o to +80 ^o C	
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	10KΩ//10pF	
Start up time	3mS (max)	
Pulling Range	+/-7ppm to +/-12ppm	
Control Voltage	1.5 +/- 1.0V	
Phase Noise 100Hz offset	-110dBc / Hz (typ)	
1kHz offset	-130dBc / Hz (typ)	
Aging	+/-1ppm / yr	

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



Part Numbering **ECVT45230 Z 19.20M**
Type

Z= Clipped Sine

Frequency

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
	VCont	GND	N/C	N/C	O/P	Vcc	N/C	N/C

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