

ECM Surface Mount TCXO

ECT8120

- Surface Mount 5.0 x 3.2mm
- Low Profile
- Low Current Consumption
- Excellent Stability
- 3V Supply



Parameter	ECT8120	
Frequency Range	12.80MHz to 19.68MHz	Specify
Temperature Stability	+/-2.5ppm -30 ⁰ to +75 ⁰ C	
Stability vs Supply	+/-0.3ppm	
Supply Voltage	+3V	
Supply Current	2.0mA	
Output Level	0.8V p-p (min)	
Output Waveform	Clipped Sine Wave DC	
Output Load	10K Ω /10pF	
Phase Noise 1kHz offset	-130dBc / Hz (max)	
Aging	+/-1ppm / yr	

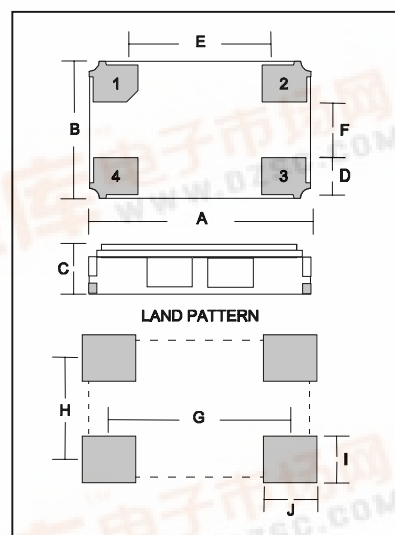
Environmental & Mechanical	
Humidity	+40 ⁰ C +/-2 ⁰ C 90% RH for 200Hours
Thermal Shock	+85 ⁰ C for 30 mins -30 ⁰ C for 30 mins
Vibration	10 - 55Hz 2mm amplitude 2 hours XYZ axis
Soldering Condition	235 +/-5 ⁰ c 2 Seconds +/-0.5 S

Part Numbering **ECT8120** **Z** **12.80M**

Type

Z= Clipped Sine

Frequency



Type	A	B	C	D	E	F	G	H	I	J
All	5.0	3.2	1.5	0.8	3.71	1.4	4.0	2.5	1.5	1.8
Dimensions in mm										
Pin	1	2	3	4						
	GND	GND	O/P	Vcc						

