

ECM TCXO Crystal Oscillator

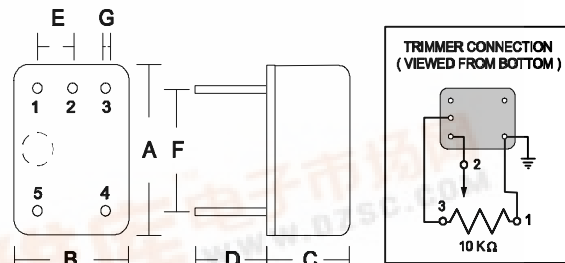
ECT107 Series

- 1MHz to 20MHz
- Wide Temperature Options
- Competitive Prices
- Internal or External Trimmer
- Custom Options



Parameter	Specification	Notes
Frequency Range	1.0MHz to 20.0MHz	Specify
Temperature Stability	+/-0.2ppm +15°C to +35°C (A) +/-0.5ppm +15°C to +35°C (B) +/-0.5ppm 0°C to +55°C (C) +/-1.0ppm 0°C to +55°C (D) +/-0.5ppm -10°C to +60°C (E) +/-1.0ppm -10°C to +60°C (F) +/-2.0ppm -10°C to +60°C (G) +/-2.0ppm -20°C to +70°C (H)	Specify
Aging	+/-1.0ppm / yr	Standard
Supply Voltage	+5Vdc (X) +12Vdc (Y) +15 Vdc (Z)	Specify
Supply Current	15mA (max)	
Output	10LSTTL (T) CMOS (C) Clipped Sine 2V p-p 1KΩ load (Z) Sinewave 0.6Vrms 1KΩ load (S)	Specify
Operating Temp	-20°C to +70°C	
Storage Temp	-40°C to +100°C	
Trim Range	+/-5ppm min 10KΩ trimmer Internal (I) External (E)	Specify

Environmental & Mechanical	
Temperature Cycle	JIS-C-6701
Shock	JIS-C-6701
Vibration	JIS-C-6701
Soldering Condition	5 seconds @ 250°C 3 seconds @ 350°C



A	B	C	D	E	F	G
36.0	26.0	10.0	7.5	8.9	25.4	0.8

Dimensions in mm

Pin	1	2	3	4	5
Connection	Trimmer*	Vcc	Output	0V	

* external if used

Part Numbering: ECT107 C 8.192 F X E

Type _____

Output _____

Frequency _____

Stability _____

Supply Voltage _____

Trimmer _____