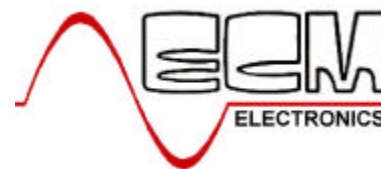
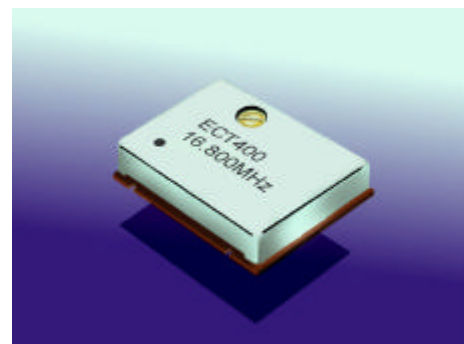


ECM Surface Mount TCXO



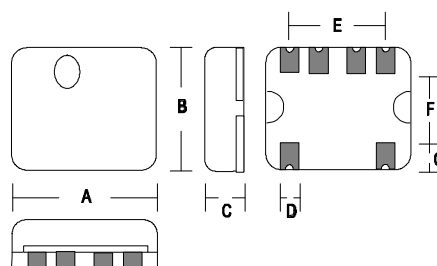
ECT400 Series

- Low Profile
- Low Current Consumption
- Excellent Stability
- 3V or 5V Supply
- Custom Options
- Manufactured for ECM by Hertz Technology



Parameter	ECT400	
Frequency Range	12.80MHz to 19.68MHz	Specify
Temperature Stability	+/-2.5ppm -10 ⁰ to +60 ⁰ C (A) -20 ⁰ to +75 ⁰ C (B) -30 ⁰ to +75 ⁰ C (C)	Specify
Stability vs Supply	+/-0.3ppm	
Supply Voltage	+3V (W) +5V (X)	Specify
Supply Current	2.0mA	
Output Level	0.8V p-p (min)	
Output Waveform	Clipped Sine	
Output Load	10K Ω //10pF	
Frequency Adjustment	+/-3ppm min	Internal Trimmer
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 ECT400 Z 19.44 W I

Type _____

Output _____

Z= Clipped Sine _____

Frequency _____

Supply Voltage _____

W = 3V X = 5V _____

Trimmer _____

I = Internal _____

Type	A	B	C	D	E	F	G
All	11.40	9.60	2.5	0.8	7.62	7.0	1.3

Dimensions inmm

Pin	1	2	3	4	5	6
	O/P	GND	N/C	Vdd	GND	GND

ECM Electronics Limited, Penmaen House, Ashington, West Sussex, RH20 3JR, UK
Tel: +44(0)1903 892810: Fax: +44(0)1903 892738. Email: ecm@ecmelectronics.co.uk

Although we have attempted to accurately reflect the products we market. ECM reserve the right without prior notice to discontinue any product or make design changes we believe necessary. Issue 1