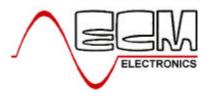
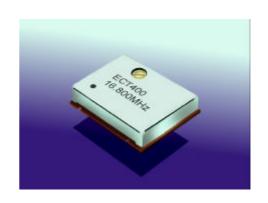
ECM Surface Mount TCXO



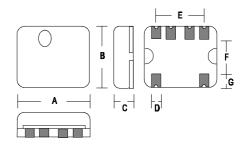
ECT400 Series

- 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	$+/-2.5$ ppm -10^{0} to $+60^{\circ}$ C (A)	Specify
Stability	-20° to +75°C (B)	
	-30° to +75°C (C)	
Stability vs Supply	+/-0.3ppm	
Supply Voltage	+3V (W)	Specify
	+5V (X)	
Supply Current	2.0mA	
Output Level	0.8V p-p (min)	
Output Waveform	Clipped Sine	
Output Load	10KΩ//10pF	
Frequency	+/-3ppm min	Internal
Adjustment		Trimmer
Aging	+/-1ppm / yr	



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



Part Numbering	ECT400	Z	19.44 W	ı
Туре		\top	\top \top	\top
Output				
Z= Clipped Sine				
Frequency				
Supply Voltage				
W = 3V X = 5V				
Trimmer				
I = Internal ——				

Туре	А	В	С	D	E	F	G	
All	11.40	9.60	2.5	8.0	7.62	7.0	1.3	
Dimensions inmm								
Pin	1	2	3	4	5	6		
	O/P	GND	N/C	; V	dd GN	D G	ND	

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