



INFICON EDC Inc. *Quality Quartz Crystals and Oscillators*

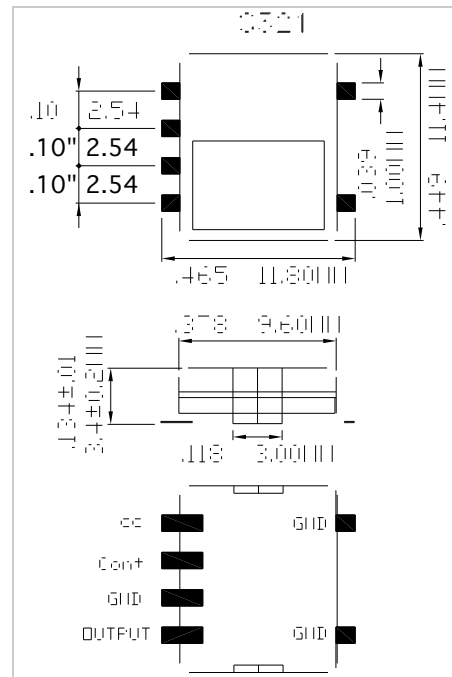
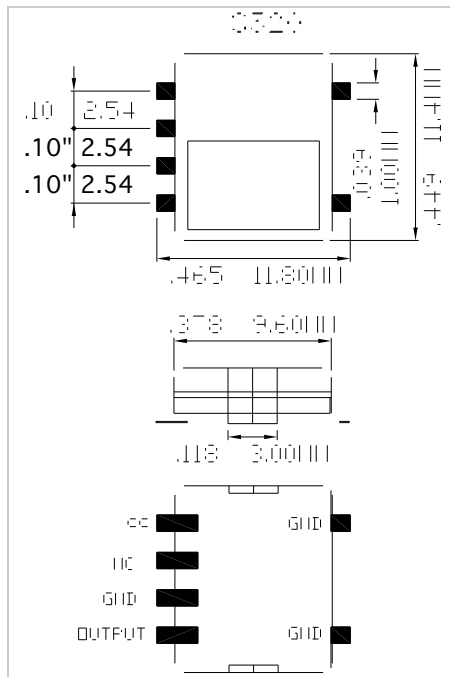
ET 19
Series
TCXO
SMD Oscillators

Features: 11.4 x 11.8 mm, Mechanical Trim, With or Without Voltage Control, Sinewave Output

PARAMETERS	ET191	ET192
Package Part#	S320	S321
Frequency Range (MHz)	12.0 ~ 26.0	
Frequency Stability vs Temp. (\pm ppm)	2.5	
vs Supply Voltage	0.2	
vs Aging	1.0	
Temperature Range ($^{\circ}$ C)	Operating - $-30 \sim +70$ / Operable - $-40 \sim +85$	
Supply Voltage (V)	$+5.0 \pm 5\%$	
Supply Current (mA)	2.0 Maximum	
Output Level (V)	1.0 p-p Minimum	
Load	10 K Ω / 10 pF	
Output Waveform	Clipped Sine	
Frequency Deviation (\pm ppm)	3.0 (Mechanical)	3.0 (Mechanical) / 15.0 (Electrical)
Control Voltage (V)	NA	$+0.5 \sim +4.5$

STANDARD AVAILABLE OPTIONS

Frequency Stability vs Temp. (\pm ppm): 1.0, 1.5, 2.0, 3.5, 4.0
 Operating Temp. Range ($^{\circ}$ C): $-20 \sim +70$, $-30 \sim +75$, $-40 \sim +85$



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