



INFICON EDC Inc. *Quality Quartz Crystals and Oscillators*

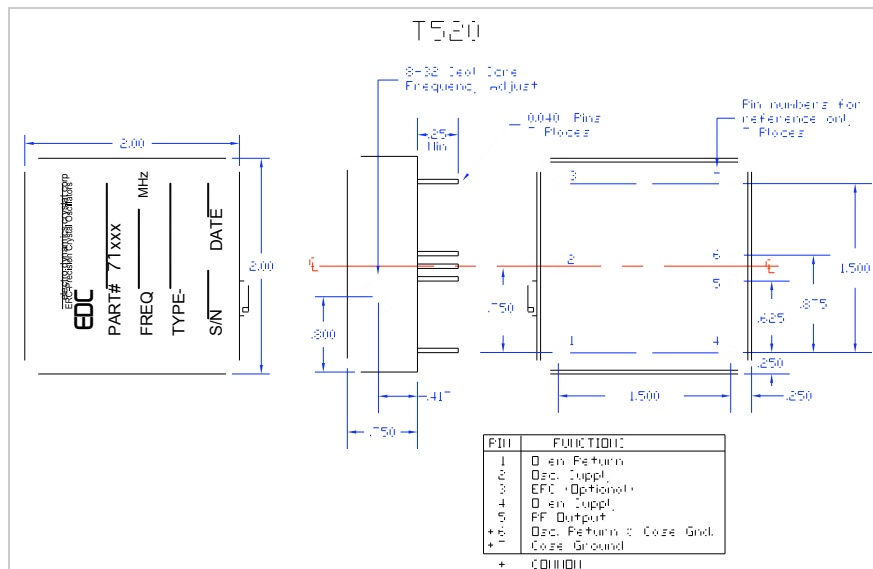
EO 13
Series
OCXO
Thru-Hole Oscillators

Features: 2.0 x 2.0 x .75" Size, Excellent Frequency Stability, Low Phase Noise

PARAMETERS	EO131
Package Part#	T520
Frequency Range (MHz)	5 ~ 40
Frequency Stability vs Temperature (\pm ppb)	3
vs Supply Voltage	1
vs Daily Aging	1
Phase Noise (10 MHz) @ Offset 10 Hz (dBc/Hz)	-125 Maximum
100 Hz	-145 Maximum
1,000 Hz	-155 Maximum
10,000 Hz	-160 Maximum
Warm-up @ +25° C to within \pm 0.1 ppm (minutes)	10 Maximum
Operating Temp. Range (°C)	0 ~ 50
Input Supply Voltage (V)	+12 \pm 5%
Turn-on Power (W)	7.0 Maximum
Sustaining Power @ 25° C	2.5 Maximum
Output	Sine, +7dBm Minimum, 50 Ω
Frequency Adjust Mechanical (\pm ppm)	0.5 Minimum

STANDARD AVAILABLE OPTIONS

- Temperature Ranges as large as -40°C ~ +70° C
- Frequency vs Temperature Stabilities as low as \pm 1 ppb
- Daily Aging as low as 0.3 ppb
- Input Supply Voltage +12V \pm 10%, +15V \pm 5%, +15V \pm 10%
- Output +13 dBm Minimum
- Electrical Frequency Adjust \pm 0.5 ppm Minimum 0 ~ 8 VDC positive slope
- Note: Not all combinations are possible.



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