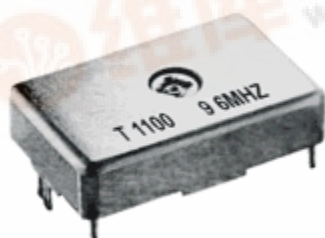


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T-1100, T-1150 Series Miniature TCXOs



Features

- Low profile design
- Low current
- 5.0 VDC and 3.3 VDC options
- Voltage tune option
- Low cost
- Many parts in stock

SPECIFICATIONS	
Frequency Range	8.0 MHz to 24.0 MHz
Standard Frequencies	9.6MHz, 10MHz, 12.8MHz, 15.36MHz
Stability Options	1 = ± 1.5 PPM 2 = ± 2.5 PPM 3 = ± 3.5 PPM -30°C to +70°C relative to +25°C
Stability vs. Supply	$\leq \pm 0.3$ PPM for a change in B+ of $\leq \pm 5\%$
Aging	< 1.0 PPM/Year after 30 days at +40°C
Mechanical Trim	± 3.0 PPM Minimum, sufficient for 5 years aging
Storage Temperature	-40°C to +80°C
Input Voltage	A = +5.0 VDC $\pm 5\%$ B = +3.0 VDC $\pm 5\%$

T-1150	+5.0 VDC	+3.0 VDC
Output	1.0 V P-P	0.8 V P-P
Current	< 2.0 mA	< 1.0 mA
Load	10 K Ω /10pf	10 K Ω /10pf

T-1100	+5.0 VDC	+3.0 VDC
Logic "1"	4.5V Min.	2.6V Min.
Logic "0"	0.4V Max.	0.4V Max.
Current	10 mA Max.	5 mA Max.



* 3.0 VDC units' VC is $+1.5V \pm 1.0V$. Option 2 is not available.
VCO Option is only available with ± 2.5 PPM vs. Temp.

- 1* Optional VCO
7 Ground Case
8 Output
14 Supply
*Pin omitted if no VC.



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