

Features

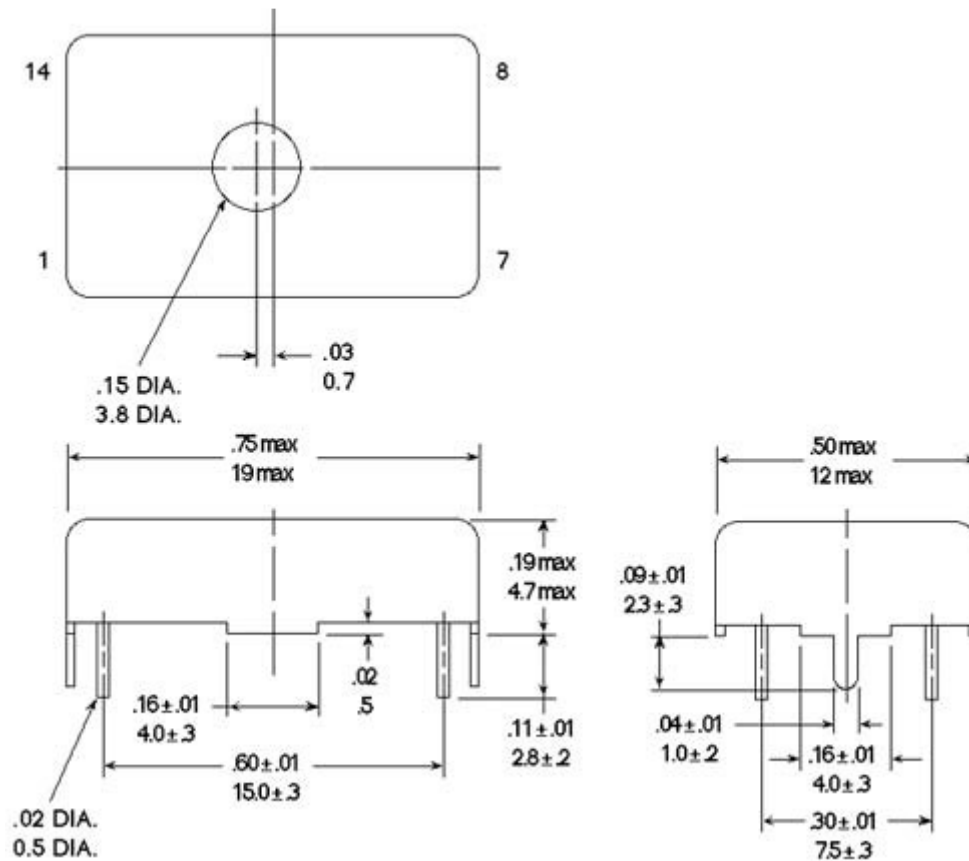
- Low profile design
- Low current
- 5.0 VDC and 3.3 VDC options
- Voltage tune option
- Low cost
- Many parts in stock

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
Operating Temperature Range	-30 °C to +70 °C relative to +25 °C
Input Voltage	A = +5.0 VDC $\pm 5\%$ B = +3.0 VDC $\pm 5\%$
Stability vs. Supply	± 0.3 PPM max
Aging	< 1.0 PPM/Year after 30 days at 40 °C
Optional Voltage Control	0 $\rightarrow$ No VCO Option 1 $\rightarrow$ ± 3.0 PPM min (2.5V $\pm$ 1.5V*) 2 $\rightarrow$ ± 6.0 PPM min (2.5V $\pm$ 1.5V*) Note: For 3.0VDC, Vc range is 1.5V $\pm$ 1.0V, Option 2 is not available VCO option is only available with ± 2.5 PPM vs. Temp.
Mechanical Trim	± 3.0 PPM min, sufficient for 5 years aging
Storage Temperature	-40 °C to +80 °C

T-1150	+5.0 VDC	+3.0 VDC
Output	1.0 Vp-p	0.8 Vp-p
Current	< 2.0 mA	< 1.0 mA
Load	10k Ω /10pF	10k Ω /10pF

T-1100	+5.0 VDC	+3.0 VDC
Logic "1"	4.5 V min	2.6 V min
Logic "0"	0.4 V max	0.4 V max
Current	12.0 mA max	5.0 mA max
Load	2 TTL	2 TTL

T-1100/1150 Package Drawing



Note: dimensions in inches.

Pinout Table

Pin #	Symbol	Function
1	Vc	Control Voltage or No Connect
7	GND	Ground Case
8	OUT	RF Output
14	Vdd	Supply Voltage



For additional information please contact:

USA: Vectron International, 267 Lowell Road, Hudson, NH 03051
Tel: 1-88-VECTRON -1 Fax: 1-888-FAX -VECTRON

EUROPE: Vectron International, Landstrasse D-74924, Neckarbischofsheim, Germany
Tel: 49 (0) 7268 8010 Fax: 49 (0) 7268 801281

ASIA: Vectron International, 68 Yin Cheng Road (C), 22nd Floor
One LuJiaZui, Pudong, Shanghai 200120, China
Tel: 8621 6194-6886 Fax: 8621 6194-6699

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Vectron:](#)

[T1100-1A0-10.0000](#)