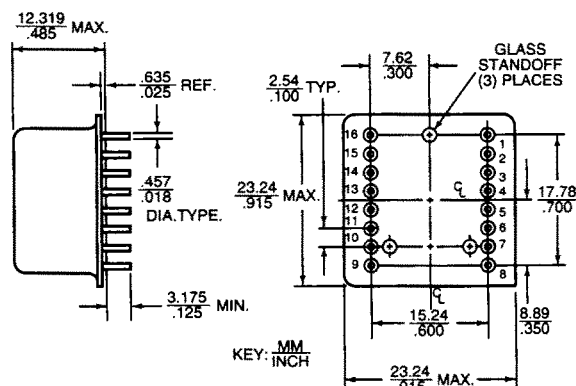


Subminiature - Stratum III, CTS R-505



PIN Connections

PIN	FUNCTION
1	CASE/GROUND
7	OUTPUT
8	+5V
14	DO NOT CONNECT
16	CONTROL VOLTAGE

Specifications:

Frequency Range: 12.0-25.0 MHz
 Frequency Stability: $\pm 0.3 \times 10^{-6}$
 Aging: $\pm 1.0 \times 10^{-6}$ /1st yr. maximum
 $\pm 2.0 \times 10^{-6}$ /10 yrs. maximum
 Phase Noise: 10 Hz -75dBc/Hz Typical
 100 Hz -104dBc/Hz Typical
 1 kHz -132dBc/Hz Typical
 100 kHz -152dBc/Hz Typical
 Operating Temperature; 0°C to +60°C (Standard)

Nonoperating: 40°C to +85°C
 Input Voltage: ± 5.0 VDC $\pm 5.0\%$
 Waveform: TTL compatible
 Load: 2 TTL standard
 Symmetry: 40/60%
 Logic 1: +2.4V minimum
 Logic 0: +0.4V maximum
 Frequency Adjust: Electrical
 Package: 0.915" Sq. x 0.485" max.

Ordering Information:

Model Type 505

Temperature

Stability

Frequency in MHz

Temperature - Stability Options						
	T	A	B	C	D	E
Temp. Range	S	± 0.3	± 1.0	± 2.0	± 2.5	± 5.0
A	0° to 50°	X	X	X	X	X
B	0° to 70°		X	X	X	X
C	-20° to 70°			X	X	X
D	-30° to 75°				X	X
E	-40° to 85°					X

Temperatures in °C.
 Stability in ppm

* Note: Not all options are available at all Frequencies.