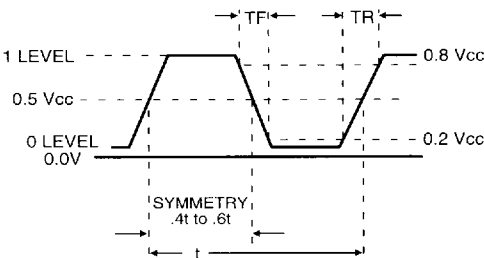
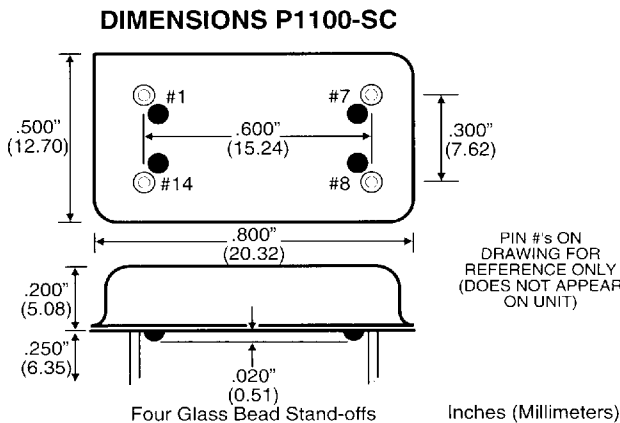


- 4000 Series CMOS Output.
- Suitable for High Voltage and Low Current Applications.
- Hermetically Sealed in Metal Package.

STANDARD SPECIFICATIONS:

Frequency Range:	
When Vcc is 12 to 15V:	250 Hz to 15 MHz
When Vcc is 9 to 12V:	250 Hz to 12 MHz
When Vcc is 6 to 9V:	250 Hz to 8 MHz
Operating Temperature Range:	0°C to 70°C
Overall Frequency Stability:	±0.01% (100 ppm) Standard; 50 ppm to 1000 ppm also available.
Input Voltage (Vcc):	6Vdc to 15Vdc (Customer Specified)
Input Current:	5mA to 20mA without load. (Varies with frequency and load)
Test Load:	20 pF



PIN	CONNECTION
1	N/C
7	Case Ground
8	Output
14	Input (Vcc)

Output Symmetry:	60/40 to 40/60 (55/45 to 45/55 Typical)
Rise & Fall Times:	Vcc=6V, 100 nS Maximum Vcc=15V, 30nS Maximum
Logic Level "1":	0.9V x Vcc Minimum
Logic Level "0":	0.1V x Vcc Maximum
Sealing Method:	Resistance Weld
Leads:	Nickel Plated; Solder Dipped

Model	Frequency Stability 0°C to 70°C	
P1144-SC	±0.0025%	(25 ppm)
P1145-SC	±0.005%	(50 ppm)
P1100-SC (Standard)	±0.01%	(100 ppm)