



**Features:**

- 70 to 120 MHz Frequency Range
- Load Capabilities of 50 pF
- Rise time 5 ns Max. Fall time 5 ns Max.
- Tri-State Output Standard
- Tight Symmetry (45/55%) Available
- DIL-14 Hermetically Sealed Package
- SMD Gull Wing Lead Forming Available
- Tri-State Output on Pin 1 Available.
- **RoHS Compliant**

ELECTRICAL SPECIFICATIONS		
Model	B1300	B1350
Frequency Range	70.0 to 120.0 MHz	
Frequency Stability ppm	Inclusive of calibration, temperature, voltage, load, aging	
	00 = ±100 ppm	50 = ±50 ppm
Temperature Range	0°C to 70°C	
Storage Temperature	-55°C to +125°C	
Symmetry	60/40%, 55/45%, 52.5/47.5%	
Input Voltage (Vcc)	Blank= +5 VDC ± 5%	
Output TTL	50-80 max.	
Input Current (mA)		
Symmetry (%)	40/60 @ 1.4V dc	
Tr and TF (ns)	5 (0.5 to 2.5V)	
TTL	10	
Output CMOS	100 max.	
Input Current (mA)		
Symmetry (%)	40/60 @ .5 vcc	
TR and TF (ns)	5 (20%-80% VCC)	
Output Load	CMOS: Drive up to 50 pF load; TTL: Drive up to 10 TTL gates	
Start-up Time (ms)		
TTL	<10	
CMOS	<45	
Tristate Control	See Table	

Part Number Table						
Model	Frequency Stability	Output	Symmetry	Tristate	Voltage	Frequency
B13	00 = ±100ppm	Blank= TTL	Blank = 60/40%	Blank = Tristate	Blank = 5 Volt	25.000 MHz
	50 = ±50ppm	C=CMOS	S= 45/55%			

Part Number Example						
B13	50	C	S			-25.000

*Add Suffix "G" For Gull Wing Surface Mount Lead Forming Option*

### Mechanical Drawing

