



- 4-pin Package, Compatible with 14-pin DIL
- 40 to 160MHz Frequency Range (Discrete Higher Frequencies Available)
- Designed to Drive Standard ECL 10K and 10KH Families
- ECL and PECL Options Available
- Dual Complementary Output Available
- 50 Ohm Drive Capability
- Internal 470W Output Pull-Down Resistor Available



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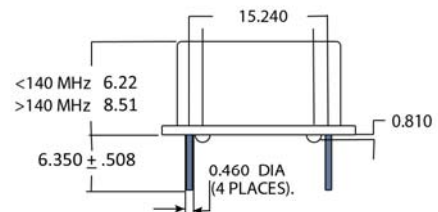
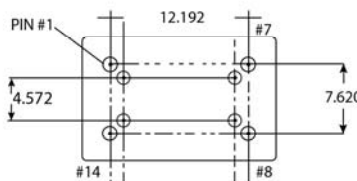
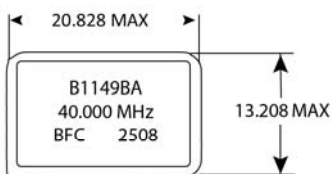
ELECTRICAL SPECIFICATIONS		
Model	B1149	
Frequency Range (MHz)	40 to 160 MHz	
Frequency Stability (ppm)	Overall	Inclusive of Calibration, Temperature, Voltage, Load, and 10 Yrs. Aging
	0°C to +70°C	± 100
Temperature Range (°C)	Operating	0°C to +70°C
	Storage	-55°C to +125°C
Supply Voltage (V)	ECL (Vee)	-5.2 ± 5%
	PECL (Vcc)	+5.0 ± 5%
Supply Current (mA)	Typical	28; 55 on R-Suffix (Option 3)
	Maximum	60; 90 on (Option 3)
Jitter (Typical)	5 ps RMS @ 40 MHz	
Start up time (ms)	< 10	

Above Specification Standard for Following Pinouts

PIN	B1149AC	B1149BA	B1149BC	B1149BM	B1149CA
1	N/C	Comp Out	Comp Out	Comp Out	N/C
7	Vee	Vss & Case GRN	Vee	Vss & Case GRN	Vss & Case GRN
8	ECL Out	PECL Out	ECL Out	ECL Out	PECL Out
14	Vss & Case GRN	Vcc	Vss & Case GRN	Vee	Vcc

Frequency Range	40 to 160 MHz
Options	2,3
Options Available	
1: Optional + 5.0 ± 10% Option at Vss	
2: 50 ppm (B1149XX5 Available only in Frequency Range 40 – 160 MHz)	
3: Internal pull down resistor Available only Frequency Range 40 to 160 MHz B1149XX-R	

Mechanical Dimensions



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