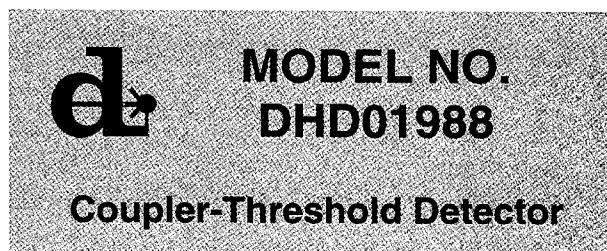
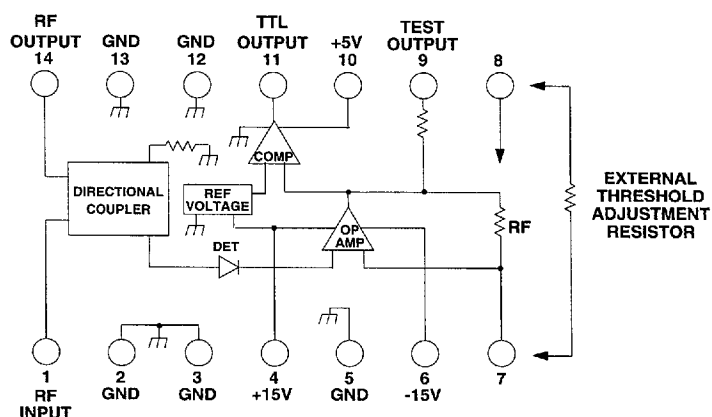
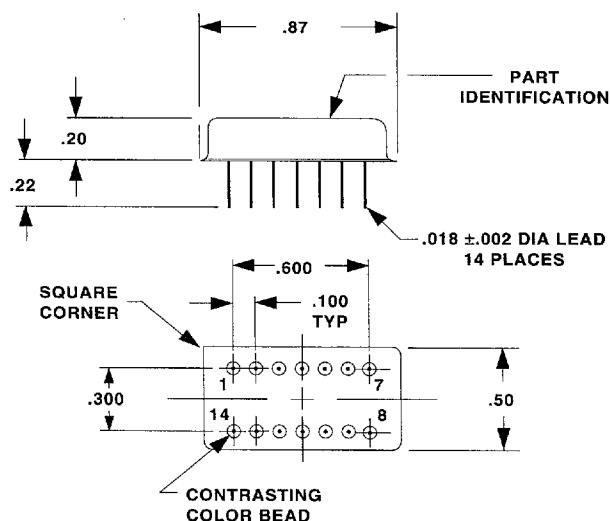


FEATURES

- Integrated Coupler and Threshold Detector
- -20 to 0 dBm Dynamic Range
- Adjustable Threshold Level
- 0.2 dB Hysteresis
- 1 mA Sink/Source Current
- 14 Pin DIP



TD



GUARANTEED PERFORMANCE

PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS
OPERATING FREQUENCY	20	160	500	MHz	
DYNAMIC RANGE	-20		0	dBm	VIA AN EXTERNAL RESISTOR CONTROL
HYSTERESIS		.2	1.2	dB	
TEMPERATURE STABILITY		±0.6	±1.5	dB	
INSERTION LOSS		1.2	1.5		20-180 MHz
		1.4	1.8		180 - 500 MHz
INPUT FLATNESS		±0.4	±1	dB	
RESPONSE TIME		3		μ SEC	
INPUT VSWR		1.1/1	1.3/1		
OUTPUT CURRENT: SOURCE	1	29		mA	V _{OH} = +2.7V
SINK	1	9		mA	V _{OL} = +0.5V
DC CURRENT		2	20	mA	AT +5 VDC
		6	15	mA	AT +15 VDC
		6	15	mA	AT -15 VDC
OPERATING TEMPERATURE	0	+25	+50	°C	TA