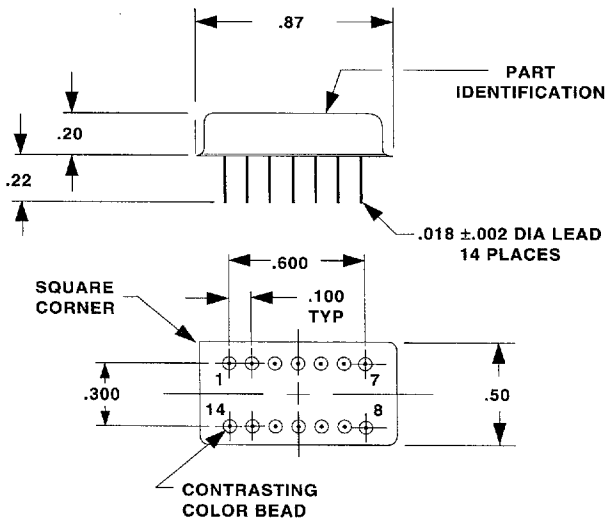
FEATURES

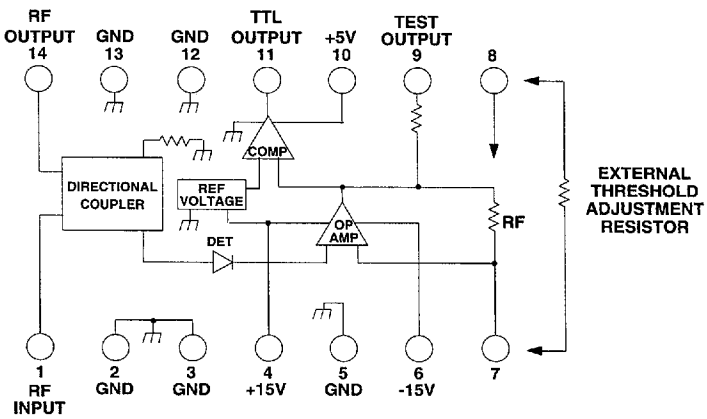
- Integrated Coupler and Threshold Detector
- -20 to 0 dBm Dynamic Range
- Adjustable Threshold Level
- 0.2 dB Hysteresis
- 1 mA Sink/Source Current
- 14 Pin DIP

MODEL NO. DHD01988

Coupler-Threshold Detector

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 1.4	1.5 1.8		20-180 MHz 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 SINK	1 1	29 9		mA mA	VOH = +2.7V VOL = +0.5V
DC CURRENT			2 6 6	20 15 15	mA mA mA	AT +5 VDC AT +15 VDC AT -15 VDC
OPERATING TEMPERATURE		0	+25	+50	°C	TA

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