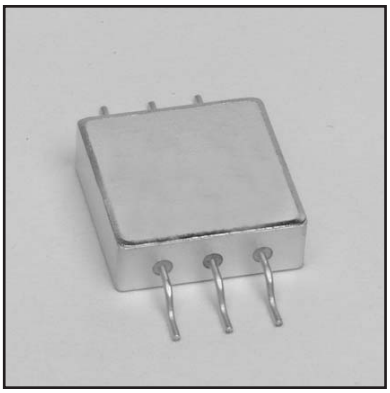


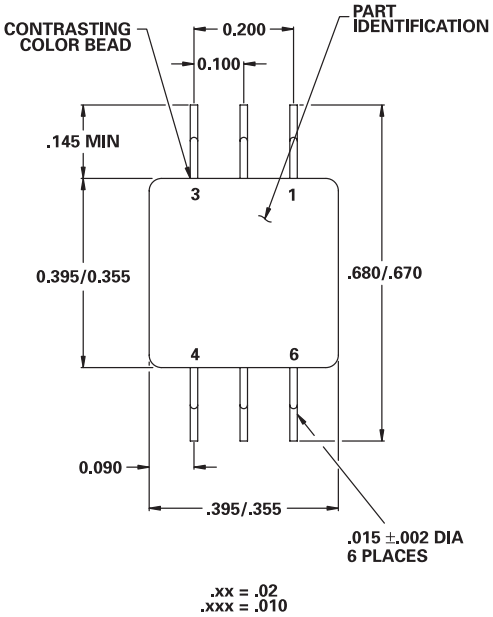
MODEL NUMBER
DTD05097

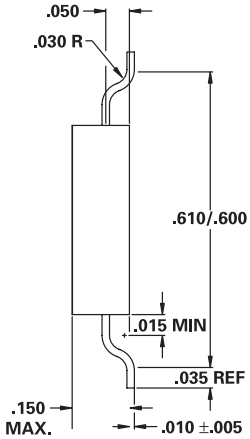
Threshold Detector

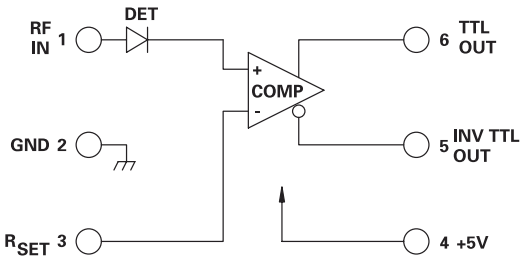
FEATURES

- 200-2100 MHz
- Surface Mount Package
- 1 dB Hysteresis
- 15 dB Dynamic Range

TD







GUARANTEED PERFORMANCE

Parameter	Min	Typ	Max	Units	Conditions
Operating Frequency	200		2100	MHz	
Dynamic Range	-12		+3.0	dBm	
Hysteresis		1.0	1.2	dB	
Temperature Stability		±0.50	±1.5	dB	
Input Flatness		±0.45	±1.5	dB	
Response Time		0.30	5	µSec	0 dBm
Input VSWR		1.09/1	2.0/1		
RF Input Power *No Damage*			+13	dBm	
Output Current *Source*		2.80		mA	VOH = +2.7 V
Sink		16.9		mA	VOL = +0.5 V
DC Current		2.30	5	mA	At +5 VDC
Operating Temperature	-40	+25	+85	°C	TA
Storage Temperature	-55	+25	+85	°C	TA