

**500 MHz TO 18 GHz**  
**ADJUSTABLE THRESHOLD**  
**DETECTOR**



*Planar Monolithics Industries, Inc.*, has developed the PMI Model No: TD-30T-0518-MH Threshold Detector that operates from 500 MHz to 18 GHz (400 MHz to 18 GHz also available). The VSWR on this device is 2.0:1 Typical, the Dynamic Range is -18 dBm to +5 dBm that can be adjusted with external resistors. The Frequency Response Flatness is  $\pm 1.0$  dB and the Response Time is 50nS Typical. The extremely small size is only 0.80" X 0.62" X 0.40" and the unit also boasts removable GPO connectors at the input, there are solder pins for the video output and the power supply of +12vdc @ 100mA Maximum.

*Planar Monolithics Industries, Inc.*  
7311-G Grove Road  
Frederick, MD 21704  
Tel: 301-631-1579 ? Fax: 301-662-2029  
Email:

[sales@planarmonolithics.com](mailto:sales@planarmonolithics.com)

Website:

<http://www.planarmonolithics.com>