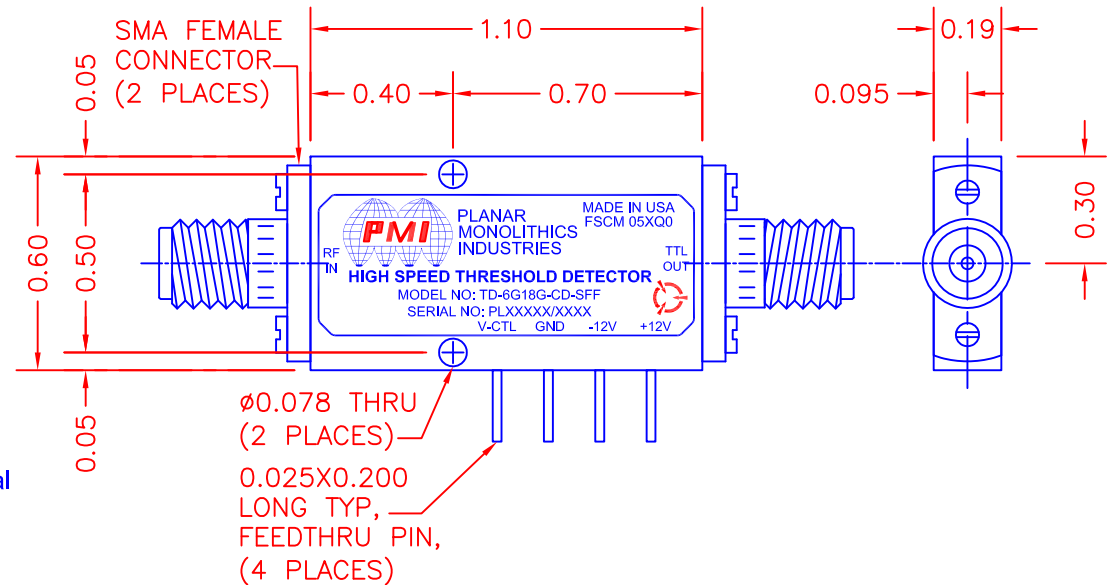


Description:

PMI Model Number: TD-6G18G-CD-SFF is a High Speed Threshold Detector designed to operate over the 6 to 18GHz Frequency Range, with an Adjustable Threshold Level of -30 to +10dBm, and VSWR of 3.0:1 Max. This Unit comes in a Very Small Size with Field Removable SMA Connector on the Input and Output.

Specifications:

Frequency Range: 6.0 to 18.0 GHz
 Dynamic Range:
 -Setting: -30 to -10 dBm
 -Pulse Signal: -26 to +10 dBm
 Flatness: ± 1.5 dB Max.
 Propagation Delay: 20 nsec Typ, 30nsec Max.
 Output: TTL Compatible
 Recovery Time: 150 nsec Max.
 (Or Pulse Stretching)
 VSWR @ -20 dBm or Lower: 3.0:1 Max.
 Power Supply: ± 12 or ± 15 Volts @ +110 mA Max, -40mA Max
 Threshold Uncertainty: ± 0.75 dB Max.
 Threshold Setting: 0 to 4 volts, Resistive Setting Is Optional
 Connectors In/Out: SMA Female
 Finish: Gold Plated



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	9/24/13	

Environmental Ratings:

Temperature: -25°C to + 85°C (Operating)
 -65°C to +125°C (Storage)
 Humidity: MIL-STD-202F, METHOD 103B COND B.
 Shock: MIL-STD-202F, METHOD 213B COND B.
 Altitude: MIL-STD-202F, METHOD 105C COND B.
 Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

Note: The above specifications are subject to change or revision.

PMI CONFIDENTIAL AND PROPRIETARY

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 ISO 9001 CERTIFIED



ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 X.XX ± 0.020
 X.XXX ± 0.010

APPROVALS		DATE	TITLE			
DRAWN T. LUDDEN		9/24/13	PRODUCT FEATURE TD-6G18G-CD-SFF			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27020591	REV. 1
ISSUED			SCALE N:S		SHEET 1 OF 1	