

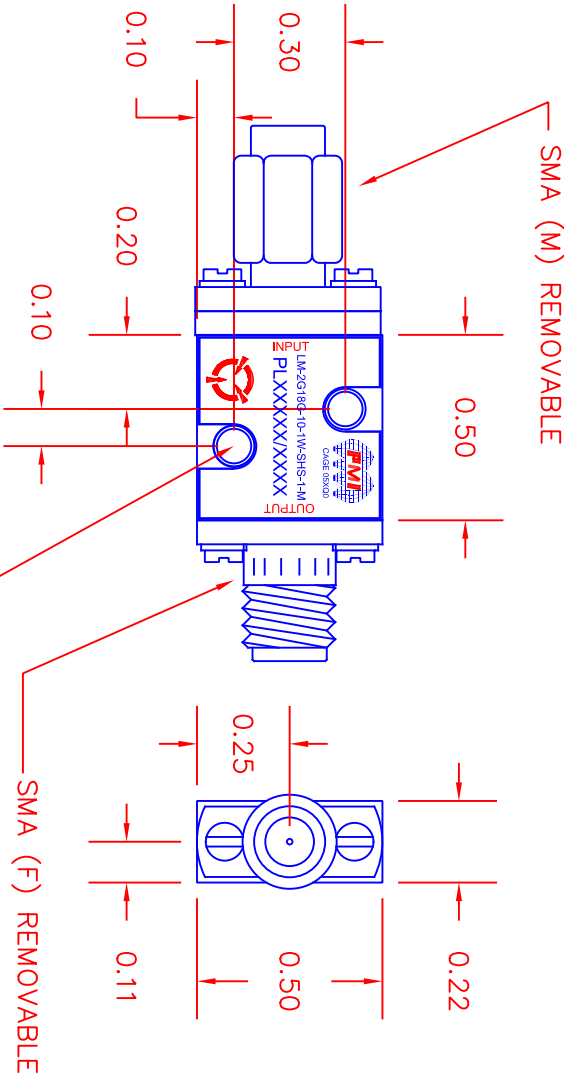
DESCRIPTION

PMI MODEL: PMI MODEL: LM-2G18G-10-1W-SHS-1-M IS A HIGH SPEED, HIGH POWER HARD DIODE-LIMITER. IT OPERATES OVER THE FREQUENCY RANGE OF 2.0 TO 18GHz

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A1	ORIGINAL RELEASE	7/19/2018

MECHANICAL OUTLINE

- SPECIFICATIONS
- FREQUENCY RANGE: 2.0 TO 18 GHz
 - INSERTION LOSS: 2.0dB MAX, 1.5dB TYP @-20dBm INPUT
 - VSWR @-20dBm INPUT: 2.0:1 MAX, 1.5:1 TYP
 - LEAKAGE @ 1 WATT CW INPUT: +14dBm MAX, +10dBm TYP
 - SPEED: 10ns
 - INPUT POWER: 1 WATT CW, 100 WATTS PEAK, 1us PULSE, 0.1% DUTY CYCLE DERATED TO 20% AT 125°C
 - LIMITING THRESHOLD: +10dBm TYP
 - CONNECTORS: SMA MALE / FEMALE
 - FINISH: PAINTED BLUE
 - SIZE: 0.5" X 0.5" X 0.22"



MOUNTING HOLES
4--40 TAP THRU,
2 PLACES

ENVIRONMENTAL RATINGS

- TEMPERATURE: -65 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: MIL-STD-202, METHOD 103B COND. B
- SHOCK: MIL-STD-202, METHOD 213B COND. B
- VIBRATION: MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN	GAB	9/03/15		PRODUCT FEATURE	
REDRAWN	SPU	7/19/18		LM-2G18G-10-1W-SHS-1-M	
ISSUED					
SIZE		FSCM NO.	DWG NO.	REV.	
A		05XQ0	27035240	A1	
SCALE		N:S	SHEET	1 OF 1	