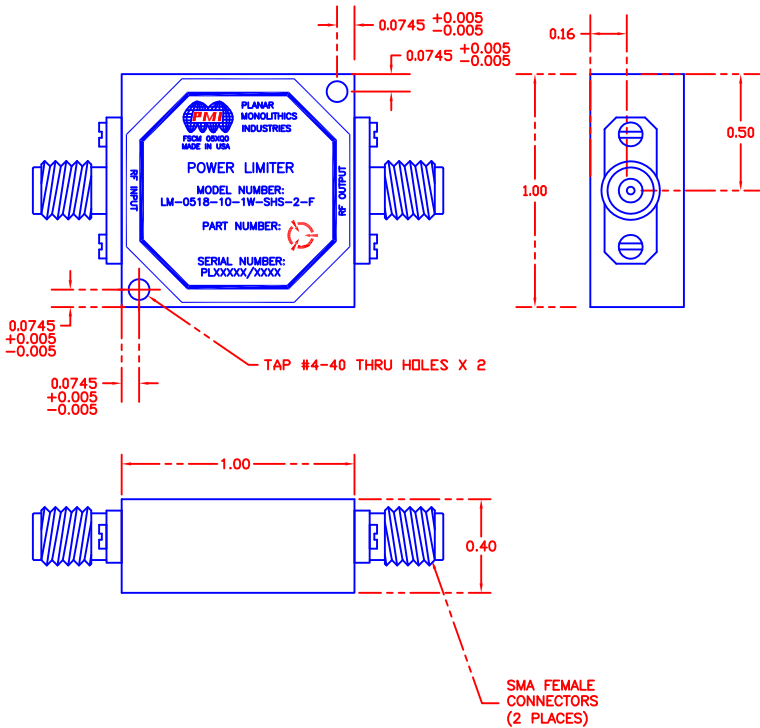
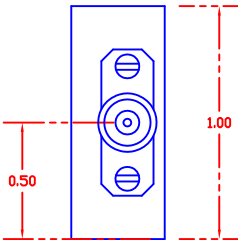


DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-0518-10-1W-SHS-2-F IS A HIGH POWER LIMITER THAT OPERATES FROM 500 MHZ TO 18 GHZ THAT HANDLES 100 WATTS PEAK POWER WITH A PULSE WIDTH OF 1 us.

SPECIFICATIONS:

- FREQUENCY:..... 500 MHz to 18 GHz
- INSERTION LOSS
@-20 dBm.....2.0 dB (Max) 1.5 dB (Typ)
- VSWR@-20 dBm.....2.0:1 (MAX) 1.5:1 (Typ)
- LEAKAGE @ 1 WATT
CW IMMUNE.....+14 dBm (Max) +10 dBm (Typ)
- PEAK POWER:..... 100 WATTS
- PULSE WIDTH:..... 1 us
- DUTY CYCLE:..... 0.1%
- CONNECTOR (INPUT)..... SMA FEMALE
- CONNECTOR (OUTPUT)..... SMA FEMALE
- SIZE:..... 1.00 X 1.00 X 0.40 (H)
- WEIGHT:..... 1.5 OZ. MAXIMUM
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS

- TEMPERATURE:..... -54°C TO +85°C (OPERATING)
-65°C TO +100°C (STORAGE)
- HUMIDITY:..... MIL-STD-202F, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202F, METHOD 213B COND. B
- VIBRATION:..... MIL-STD-202F, METHOD 204B 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
SPECIFICATIONS MAY VARY OVER TEMPERATURE

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	4/26/17	

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN <i>K. MASON</i>		2/16/15		PRODUCT FEATURE			
REDRAW <i>JPU</i>		04/26/17		LM-0518-10-1W-SHS-2-F			
ISSUED				500MHZ TO 18GHZ HIGH POWER LIMITER			
				SIZE A	FSCM NO. 05XQ0	DWG NO. 27032501	REV. A1
				SCALE N:S		SHEET 1 OF 1	