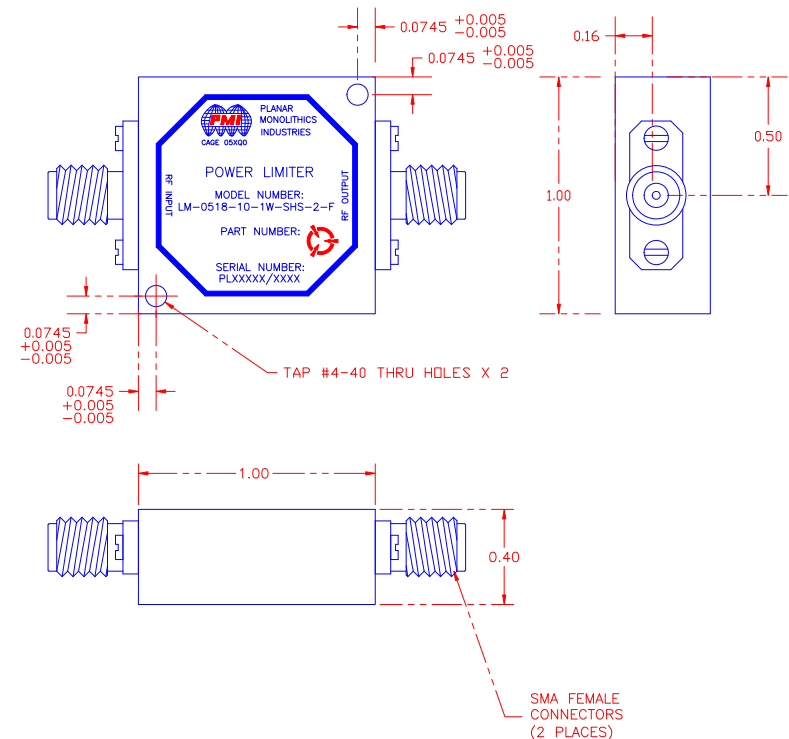
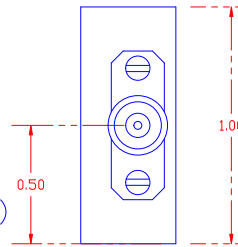


DESCRIPTION:

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 μ s.

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 μ s
- 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 $\pm$ 0.020
X.XXX $\pm$ 0.010

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

PMI CONFIDENTIAL AND PROPRIETARY

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE		PRODUCT FEATURE	
DRAWN	K. ALFON		2/16/15	SIZE	FSCM NO.	DWG NO.	REV.
REDRAW	JPU		04/26/17	A	05XQ0	27032501	A1
ISSUED				SCALE	N:S		SHEET 1 OF 1