

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-0118-10-1W-SHS-2-FM-ROHS IS A HIGH POWER LIMITER THAT WORKS FROM 100 MHz TO 18 GHz THAT HANDLES 100 WATTS PEAK POWER WITH A PULSE WIDTH OF 1 us.

SPECIFICATIONS:

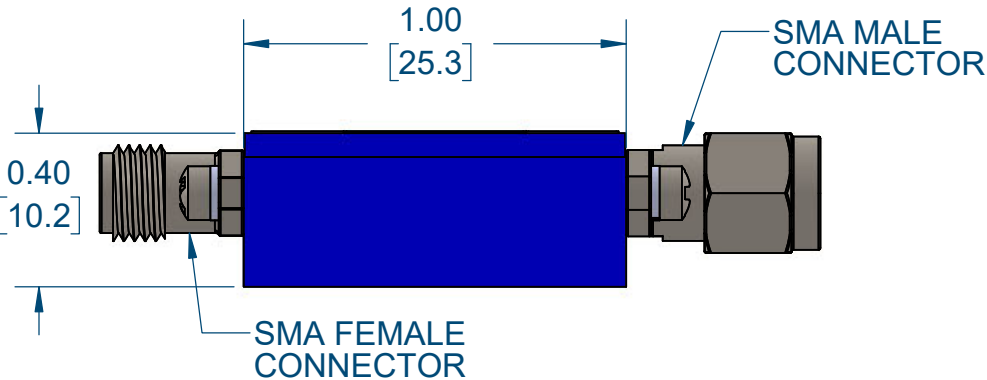
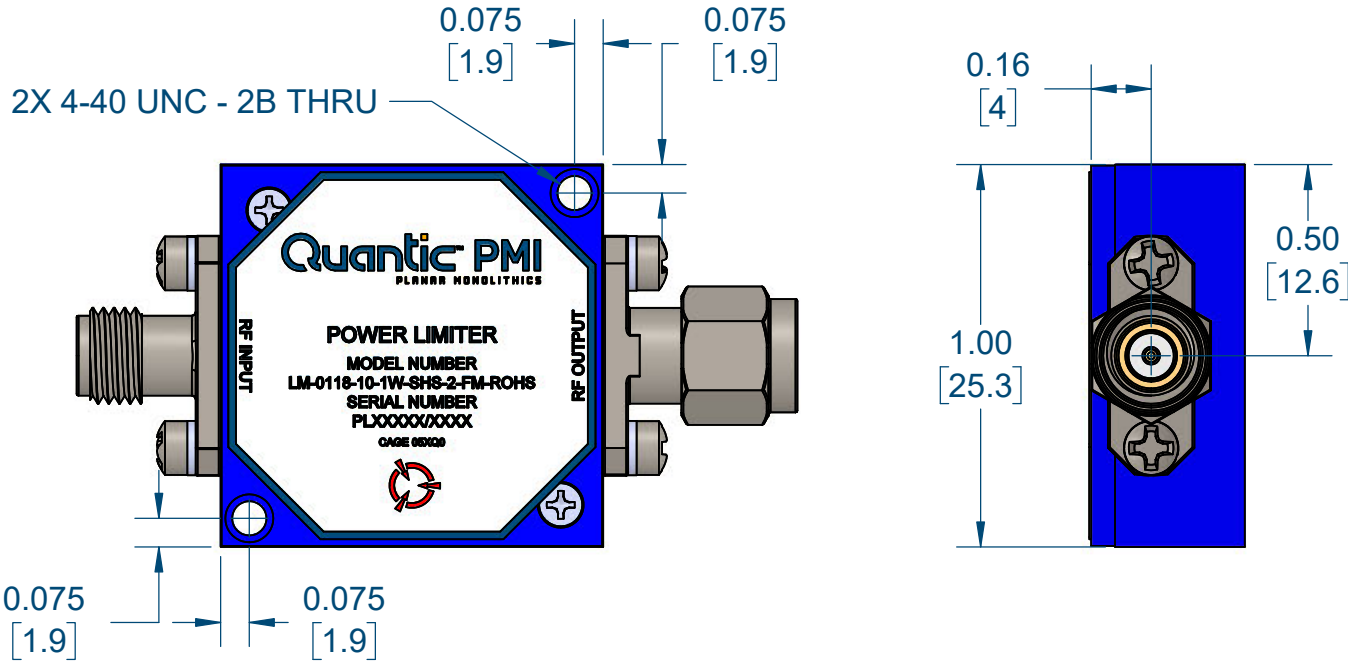
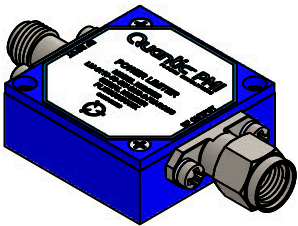
- FREQUENCY RANGE: 100 MHz TO 18 GHz
- INSERTION LOSS @ -20 dBm: 1.8 dB MAX, 1.5 dB TYP
- VSWR @ -20 dBm: 2.0:1 MAX, 1.5:1 TYP
- LEAKAGE @ 1 WATT: +15 dBm MAX, +10 dBm TYP
- POWER: 5 WATTS CW
- PEAK POWER: 100 WATTS
- PULSE WIDTH: 1 us
- DUTY CYCLE: 0.1%
- CONNECTOR (INPUT): SMA FEMALE
- CONNECTOR (OUTPUT): SMA MALE
- SIZE: 1.00" X 1.00" X 0.40" (H)
- WEIGHT: 1.5 OZ. MAX
- 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 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

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

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	4/4/2024	
	B1	ECN # 24-0293	10/18/24	



PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± ± .XXX ± 0.01		APPROVALS	DATE	Quantec PMI PLANAR MONOLITHICS 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731 WEB: WWW.QUANTECPMI.COM, EMAIL: SALES@QUANTECPMI.COM ISO 9001 CERTIFIED			
		DRAWN D HOSCHAR REDRAWN	4/4/2024	TITLE OUTLINE LM-0118-10-1W-SHS-2-FM-ROHS			
		ISSUED		SIZE B	FSCM NO. 05XQ0	DWG NO. 27048480	REV. B1
				SCALE 2:1		SHEET 1 OF 1	