

DESCRIPTION:

PMI MODEL: LM-1G18G-15-10W-500WP-SFF IS A HIGH POWER LIMITER THAT OPERATES OVER THE 1.0 TO 18.0 GHz FREQUENCY RANGE. THS MODEL IS CAPABLE OF HANDLING AN INPUT POWER OF 10 WATTS CW & 500 WATTS PEAK, HOUSED WITHIN A COMPACT 1.00" x 1.00" x 0.40" PACKAGE OUTFITTED WITH FIELD REPLACEABLE SMA FEMALE CONNECTORS.

SPECIFICATIONS:

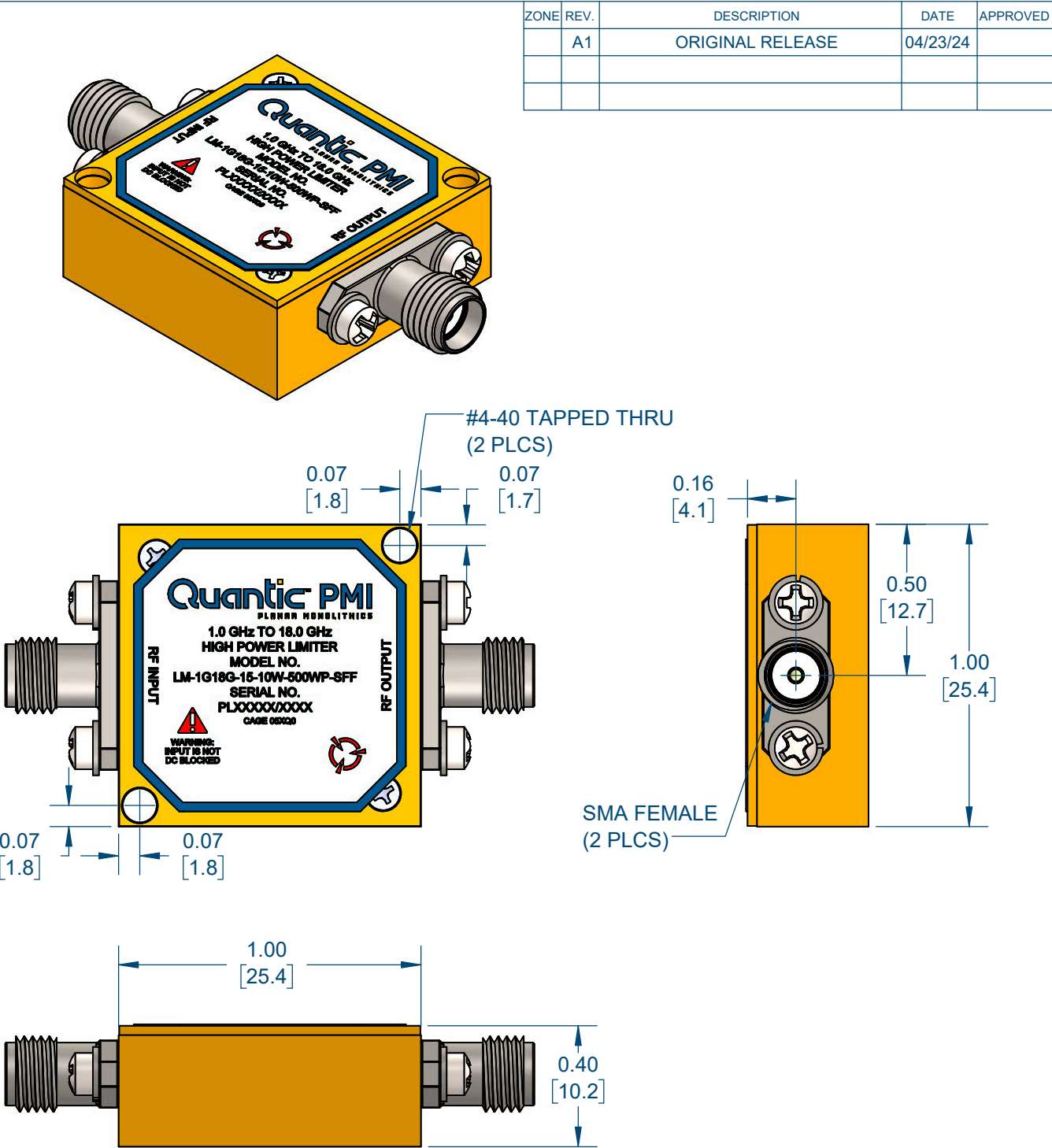
- FREQUENCY RANGE: 1.0 TO 18.0 GHz
- RF INPUT POWER: 10 WATTS CW MAXIMUM
- PEAK INPUT POWER : 500 WATTS MAXIMUM*
- RF LEAKAGE: +17 dBm TYPICAL
- RECOVERY TIME: 100 ns TYPICAL
- INSERTION LOSS @ -20 dBm INPUT POWER: 2.5 dB MAXIMUM
- VSWR @ -20 dBm INPUT POWER: 2.0:1 MAXIMUM
- CONNECTORS: SMA FEMALE
- SIZE (EXCLUDING CONNECTORS): 1.00" x 1.00" x 0.40"
25.4mm x 25.4mm x 10.16mm
- FINISH: GOLD PLATED

*=@0.1% DUTY CYCLE & 1 μs PULSE WIDTH

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (NON-OPERATING)
- 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 CYCLING: MIL-STD-202, METHOD 107A 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	04/23/24	

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						APPROVALS		DATE
						DRAWN D. Hoschar		04/23/24
REDRAWN			TITLE Outline					
LM-1G18G-15-10W-500WP-SFF								
ISSUED			SIZE B	FSCM NO. 05XQ0	DWG NO. 27048700	REV. A1		
			SCALE 2:1			SHEET 1 OF 1		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
TOLERANCES ARE:		
FRACTIONS	DECIMALS	ANGLES
±	.XX ± 0.02	±
	.XXX ± 0.01	