

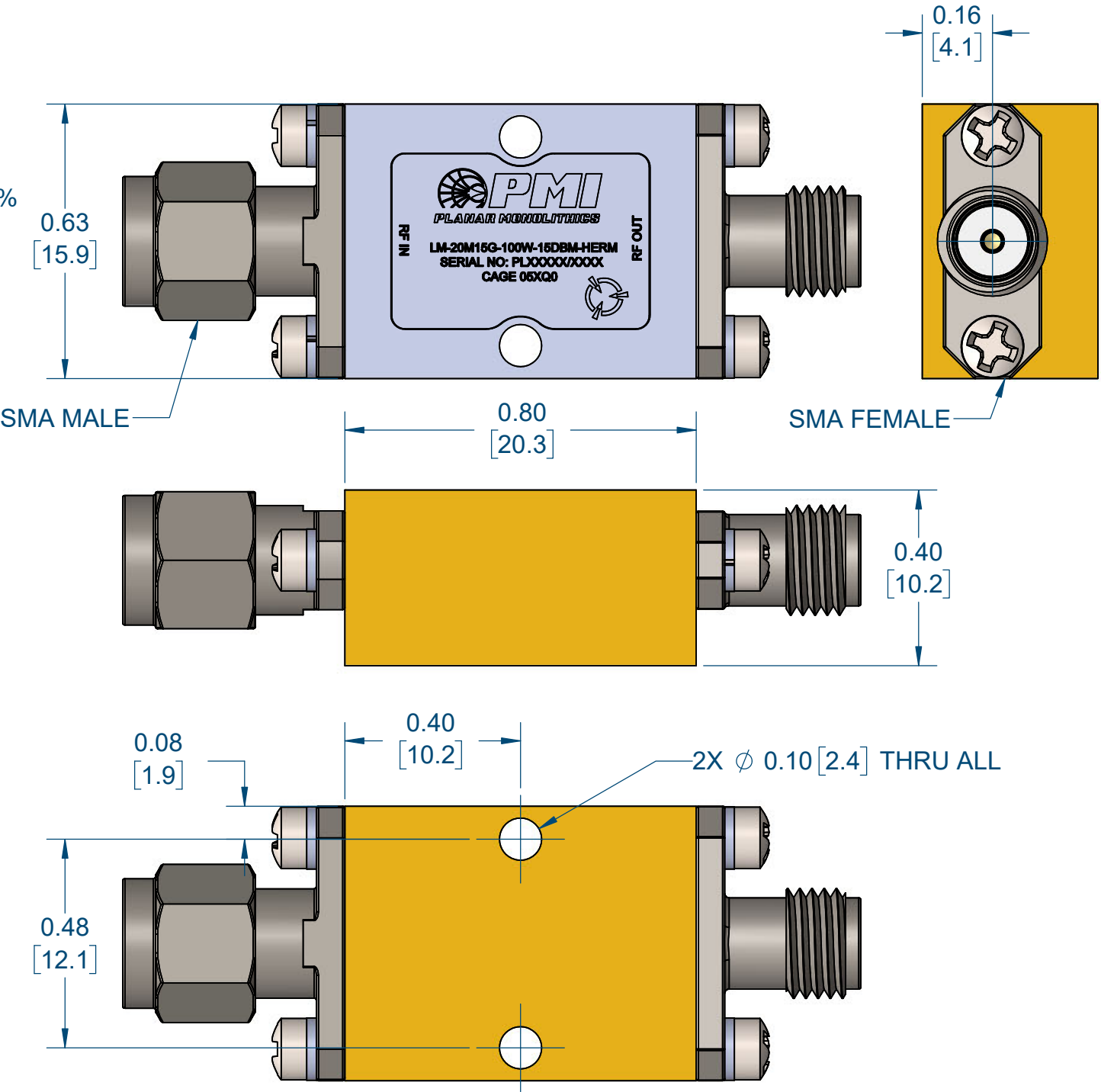
DESCRIPTION:

PMI MODEL LM-20M15G-100W-15DBM-HERM IS A HERMETICALLY SEALED 20.0 MHz TO 15 GHz RF LIMITER. THIS PRODUCT PROVIDES 100 W CW POWER HANDLING, +15 dBm LEAKAGE, AND 1.80 dB INSERTION LOSS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	11/04/25	

SPECIFICATIONS:

• FREQUENCY RANGE:	20.0 MHz TO 15 GHz
• RF POWER HANDLING:	100 W CW MAX 1 kW PEAK MAX (1 us PULSE WIDTH, 0.1% DUTY CYCLE)
• INSERTION LOSS @ -10 dBm INPUT POWER:	1.80 dB MAX
• RECOVERY TIME @ 1000 W PEAK POWER:	100 ns MAX
• LEAKAGE POWER:	+15 dBm MAX AT 100 W CW
• VSWR @ -10 dBm INPUT POWER:	2.0:1 MAX
• LIMITING THRESHOLD:	
P1dB:	+5 dBm MIN
• CONNECTORS:	SMA MALE/FEMALE (REMOVEABLE)
• FINISH:	HERMETICALLY SEALED, GOLD PLATED ENGRAVED MARKINGS
• WEIGHT:	2.0 OZ MAX



ENVIRONMENTAL RATINGS:

• TEMPERATURE:	-40°C TO +85°C (OPERATING) -55°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

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

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS		DATE	Quantic PMI PLANAR MONOLITHICS 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED			
DRAWN	G.MENDEZ	11/04/25	TITLE OUTLINE			
REDRAWN			LM-20M15G-100W-15DBM-HERM			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			B	05XQ0	27053661	A1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± XXX ± 0.01			SCALE 2:1		SHEET 1 OF 1	