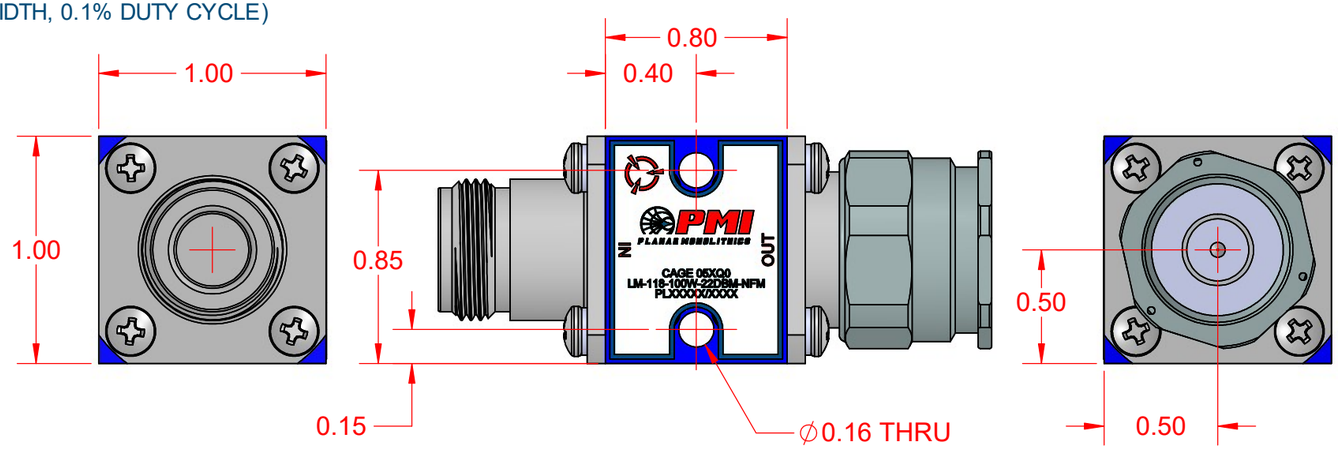
DESCRIPTION:

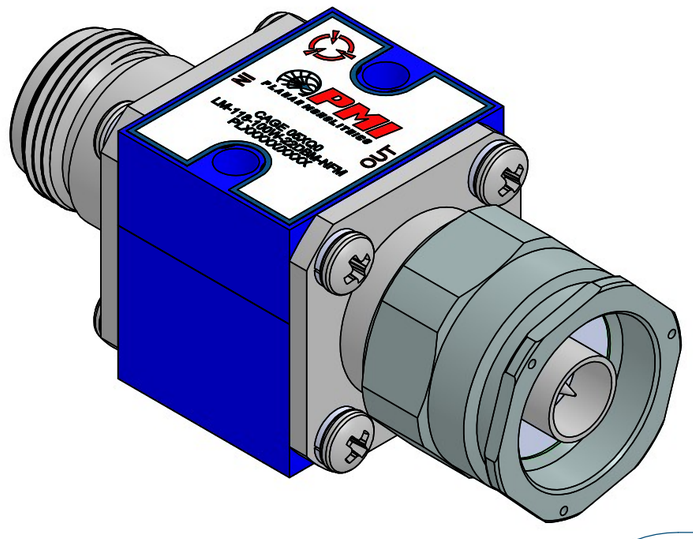
PMI MODEL LM-118-100W-22DBM-NFM IS A 1GHz TO 18GHz RF LIMITER, OPERATES AT 100W CW AND 1 kW PEAK POWER HANDLING. IT HAS A LOW INSERTION LOSS OF 3.0 dB WITH A RECOIVERY TIME OF 100 ns.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	10/28/2026	

SPECIFICATIONS:

- FREQUENCY RANGE: ——— 1.0 TO 18.0 GHz
- RF POWER HANDLING: ——— 100W CW MAX
  1 kW PEAK MAX +85°C (1 µs PULSE WIDTH, 0.1% DUTY CYCLE)
- INSERTION LOSS: ——— 3.0 dB MAX @ -10 dBm INPUT POWER
- RECOVERY: ——— 100 ns MAX @ 100 W PEAK POWER
- LEAKAGE POWER: ——— +22 dBm MAX @ 100 W CW
- VSWR: ——— 2.0:1 MAX @ -10 dBm INPUT POWER
- LIMITING THRESHOLD (P1dB): ——— +12 dBm MIN
- CONNECTORS: ——— INPUT: SMA MALE
  OUTPUT: SMA FEMALE
- WEIGHT: ——— 20g [0.705 oz] MAX
- FINISH: ——— PAINTED BLUE





ENVIRONMENTAL RATINGS:

- TEMPERATURE: ——— -55°C TO +85°C (OPERATING)
  -62°C TO +95°C (STORAGE)

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

PMI CONFIDENTIAL AND PROPRIETARY

	APPROVALS	DATE
DRAWN	A. SABADOS	10/28/2026
REDRAWN		
ISSUED		

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

PMI
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ISO 9001 CERTIFIED

TITLE: PRODUCT FEATURE
LM-118-100W-22DBM-NFM

SIZE	FSCM NO.	DWG NO.	REV.
B	05XQ0	PRELIMINARY	1

SCALE 2:1 SHEET 1 OF 1