

DESCRIPTION

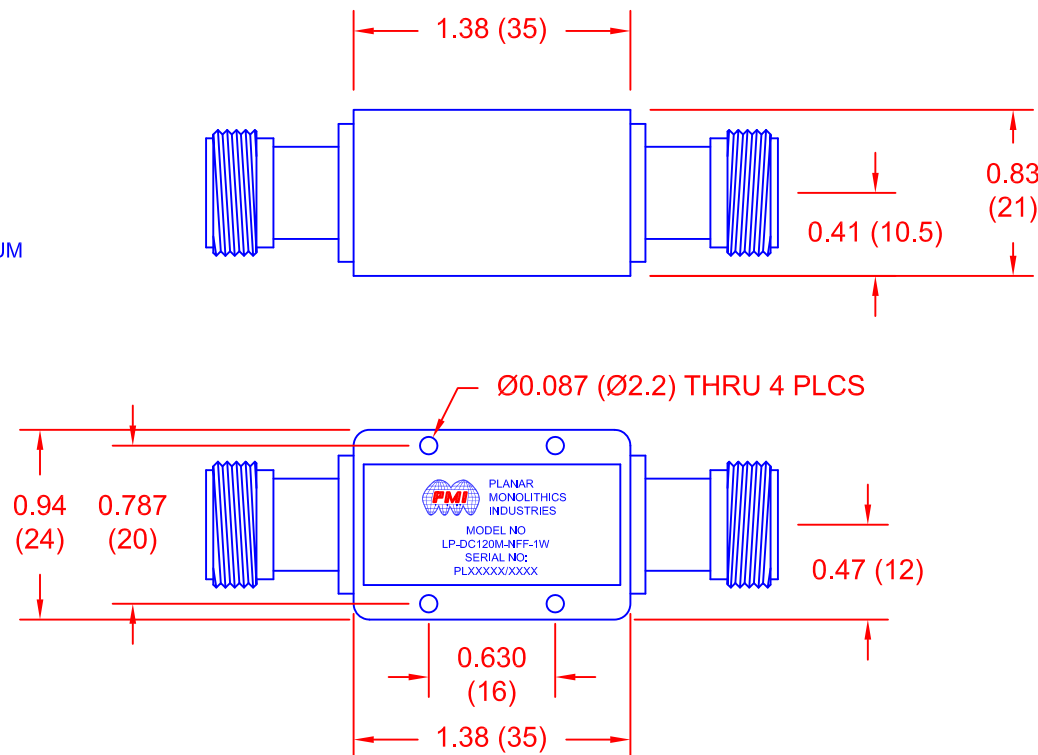
PMI MODEL: LP-DC120M-NFF-1W IS A LOW PASS FILTER OPERATING BETWEEN DC AND 120 MHz. THIS MODEL PROVIDES A MAXIMUM INSERTION LOSS OF 0.5 dB AND A MINIMUM OF 20 dB REJECTION FROM 216 MHz TO 550 MHz IN A COMPACT PACKAGE.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/09/15	JP

MECHANICAL OUTLINE

SPECIFICATIONS

- CUTOFF FREQUENCY: ----- 120 MHz
- PASSBAND FREQUENCY RANGE: ----- DC TO 120 MHz
- INSERTION LOSS: ----- 0.5 dB MAXIMUM
- FLATNESS: ----- 0.5 dB MAXIMUM
- VSWR: ----- 1.5:1 MAXIMUM
- REJECTION: ----- 20 dB @ 216 TO 550 MHz MINIMUM
- IMPEDANCE: ----- 50 Ω
- POWER HANDLING: ----- 1 WATT MAXIMUM
- FINISH: ----- NICKEL PLATING
- CONNECTORS: ----- N-FEMALE
- WEIGHT: ----- 3.17 oz (0.09 kg)



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-65 °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
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS
ARE IN INCHES (mm)
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		M. Berry		11/09/15	
CHECKED					
ISSUED					
SIZE	A	FSCM NO.	05XQ0	DWG NO.	PRELIMINARY
SCALE	N:S			SHEET	1 OF 1

PRODUCT FEATURE
LP-DC120M-NFF-1W

REV.
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