

DESCRIPTION

PMI MODEL P2T-30M1400M-R-NFF IS A REFLECTIVE SINGLE POLE DOUBLE THROW SWITCH OPERATING IN THE 30-1400 MHz FREQUENCY RANGE.

SPECIFICATIONS

- FREQUENCY RANGE: _____ 30 MHz-1.4 GHz
- INPUT POWER: _____ 280 W CW MAX
350 W PEAK MAX @ 2% duty cycle, 1.6 ms period
- INSERTION LOSS: _____ 0.4 dB MAX
- ISOLATION: _____ 70 dB TYP @ 30 MHz
54 dB TYP @ 200 MHz
43 dB TYP @ 600 MHz
38 dB TYP @ 1000 MHz
33 dB TYP @ 1300 MHz
- SWITCHING SPEED: _____ 65 μ s MAX
- VSWR: _____ 1.02:1 TYP @ 30 MHz
1.06:1 TYP @ 200 MHz
1.33:1 TYP @ 600 MHz
1.50:1 TYP @ 1000 MHz
1.15:1 TYP @ 1300 MHz
- POWER SUPPLY: _____ +12V/500mA
- CONTROL: _____ TTL
- CONNECTORS: _____ N-TYPE FEMALE
- FINISH: _____ PAINTED BLUE

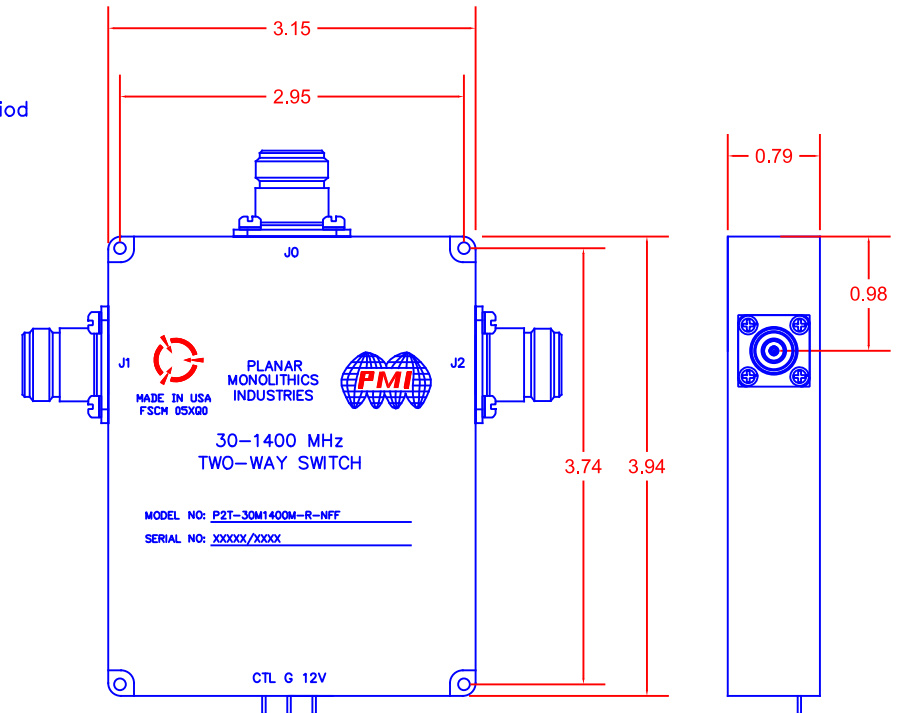
ENVIRONMENTAL RATINGS

- 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
- TEMP CYCLE: MIL-STD-202, METHOD 107

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	3/19/25	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



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

APPROVALS		DATE	TITLE		
DRAWN	ASG	3/19/25	PRODUCT FEATURE P2T-30M1400M-R-NFF		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			-	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1