

## DESCRIPTION

PMI MODEL P2T-100M800M-50-R-NFF IS A REFLECTIVE SINGLE POLE DOUBLE THROW SWITCH OPERATING IN THE 100-800 MHz FREQUENCY RANGE.

## SPECIFICATIONS

- FREQUENCY RANGE: \_\_\_\_\_ 100-800 MHz
- INPUT POWER: \_\_\_\_\_ Peak 1000W, Duty Cycle 20%, Pulse Width 6us MAX
- INSERTION LOSS: \_\_\_\_\_ 0.6dB MAX.
- ISOLATION: \_\_\_\_\_ 50dB MIN @ 150-300 MHz  
45dB MIN @ 100-800 MHz
- SWITCHING SPEED: \_\_\_\_\_ 5  $\mu$ s MAX,
- VSWR: \_\_\_\_\_ 1.6:1
- POWER SUPPLY: \_\_\_\_\_ +12V/500mA
- CONTROL: \_\_\_\_\_ TTL
- CONNECTORS: \_\_\_\_\_ N-TYPE FEMALE
- FINISH: \_\_\_\_\_ PAINTED BLUE

## ENVIRONMENTAL RATINGS

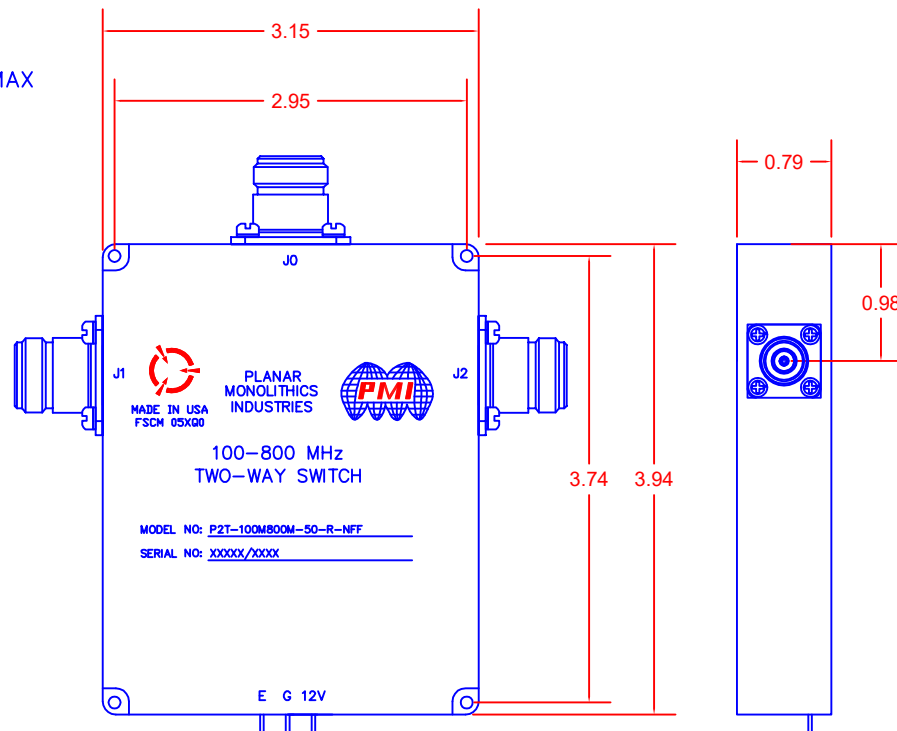
- TEMPERATURE: ..... -40°C TO +70°C
- ENVIRONMENTAL ..... MIL-STD-810E
- EMI/EMC ..... MIL-STD-461

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

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	3/14/22	

## MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

## PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN	AF	3/14/22	PRODUCT FEATURE P2T-100M800M-50-R-NFF		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			-	05XQ0	PRELIMINARY
			SCALE	N: S	SHEET 1 OF 1