

DESCRIPTION

PMI MODEL: PSWN-218-2DR-STD-F9120AH-27-OPT5G8G-P28V IS A REFLECTIVE SINGLE POLE TWO THROW PIN DIODE SWITCH. IT HAS VERY LOW INSERTION LOSS, HIGH ISOLATION, INTEGRAL TTL DRIVER AND HIGH SPEED WITHIN A 1.10" x 0.85" x 0.38" PACKAGE.

SPECIFICATIONS

- FREQUENCY: _____ 5 GHz TO 8 GHz
- INSERTION LOSS: _____ 3 dB MAXIMUM
- ISOLATION: _____ 60 dB MINIMUM
- VSWR: _____ 1.8:1 TYPICAL
2.0:1 MAXIMUM
- SWITCHING SPEED: _____ 50 ns MAXIMUM
- POWER HANDLING: _____ 1 WATT CW OR PEAK
- SURVIVAL POWER: _____ 1 WATT AVERAGE
75 WATTS PEAK
(1 μ s MAXIMUM PULSE WIDTH)
- CONTROL: _____ LOGIC:
"0" = ON (LOW LOSS)
"1" = OFF (ISOLATION)
- POWER SUPPLY: _____ +28 V @ 250 mA MAXIMUM
- SIZE: _____ 1.10" (L) x 0.85" (W) x 0.38" (H)
- WEIGHT: _____ 0.75 oz

ENVIRONMENTAL RATINGS

- TEMPERATURE: _____ -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: _____ MIL-STD-202F, METHOD 103B COND. B
- SHOCK: _____ MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: _____ MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: _____ MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: _____ MIL-STD-202F, METHOD 107D COND. A

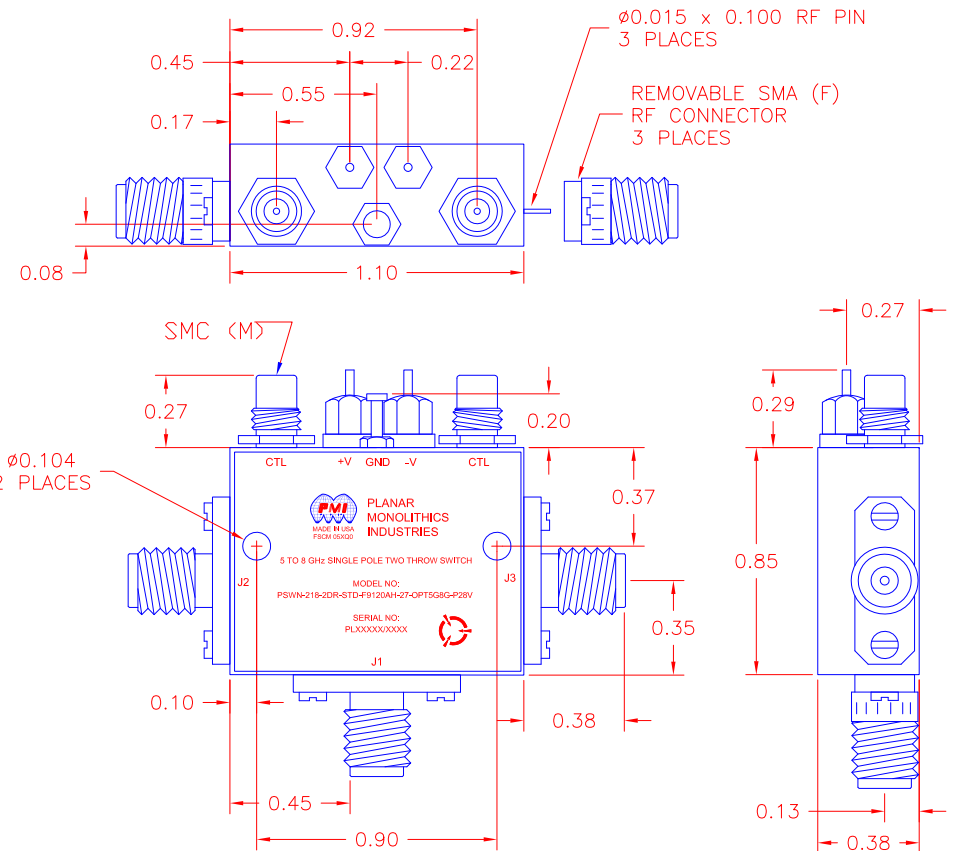
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	04/21/15	KM

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>M. Berry</i>		04/21/15	PRODUCT FEATURE		
CHECKED			PSWN-218-2DR-STD-F9120AH-27-OPT5G8G-P28V		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	PRELIMINARY
			SCALE	SHEET	
			N:S	1 OF 1	