

DESCRIPTION

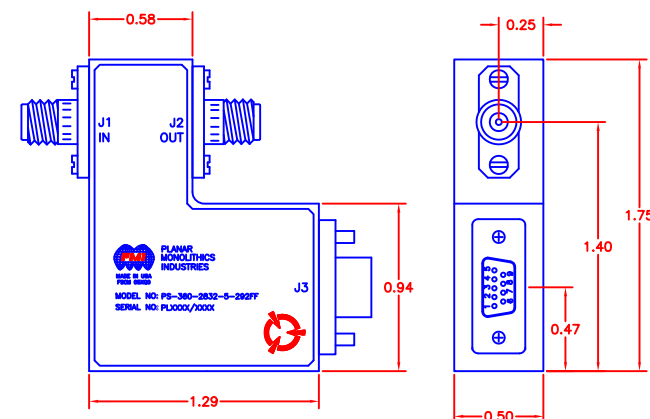
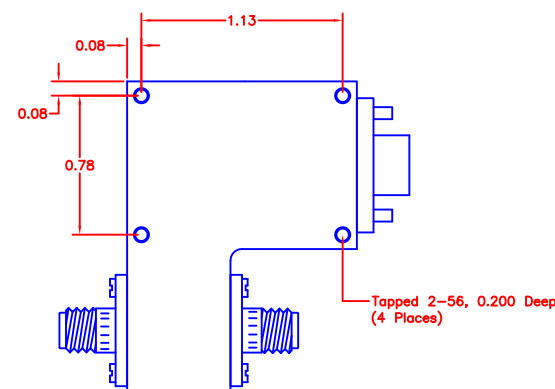
PMI MODEL PS-360-2832-5-292FF IS A HIGH SPEED 28.0 TO 32.0 GHZ FREQUENCY RANGE PHASE SHIFTER WITH THE CAPABILITY FOR PHASE SHIFTING FROM 0 TO 349 DEGREES. 5 LOGIC INPUT LINES ALLOW VARIOUS PHASE SHIFT WITH AN LSB OF 11.25 DEGREES.

SPECIFICATIONS

- FREQUENCY RANGE: 28.0 TO 32.0 GHZ
- INSERTION LOSS: 12.0 dB MAX
- VSWR INPUT: 2.0:1
- LSB 11.25°
- CONTROL BITS 5
- SWITCHING SPEED: 500 ns MAX
- POWER SUPPLY: +15 V @ 90 mA MAX
..... -15 V @ 60 mA MAX
- RF CONNECTORS SMA FEMALE INPUT & OUTPUT
- CONTROL TTL THRU "D" MULTIPIN CONNECTOR
- SIZE 1.29" X 1.75" X 0.50"
- FINISH PAINTED BLUE

9-PIN CONNECTOR PIN-OUT	
PIN	FUNCTION
1	+15 VDC
2	GND
3	-15 VDC
4	GND
5	CTL1 (LSB)
6	CTL2
7	CTL3
8	CTL4
9	CTL5 (MSB)

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	-	PRELIMINARY	10/27/15



ENVIRONMENTAL RATINGS

- TEMPERATURE: -40 °C TO +85°C (OPERATING)
..... -65 °C TO +100 °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 ±0.020
X.XXX ±0.010

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APPROVALS		DATE		TITLE			
DRAWN		10/27/15		PRODUCT FEATURE			
MODIFIED				PS-360-2832-5-292FF			
ISSUED				28 TO 32 GHZ PHASE SHIFTER			
				SIZE		FSCM NO.	
				A		05XQ0	
				DWG NO.		PRELIMINARY	
				SCALE		N:S	
				SHEET		1 OF 1	