

DESCRIPTION

PMI MODEL NUMBER PS-1G4G-180-A-SFF IS A 1 GHz TO 4 GHz ANALOG PHASE SHIFTER WITH CAPABILITY FOR PHASE SHIFTING FROM 0 TO 180°.

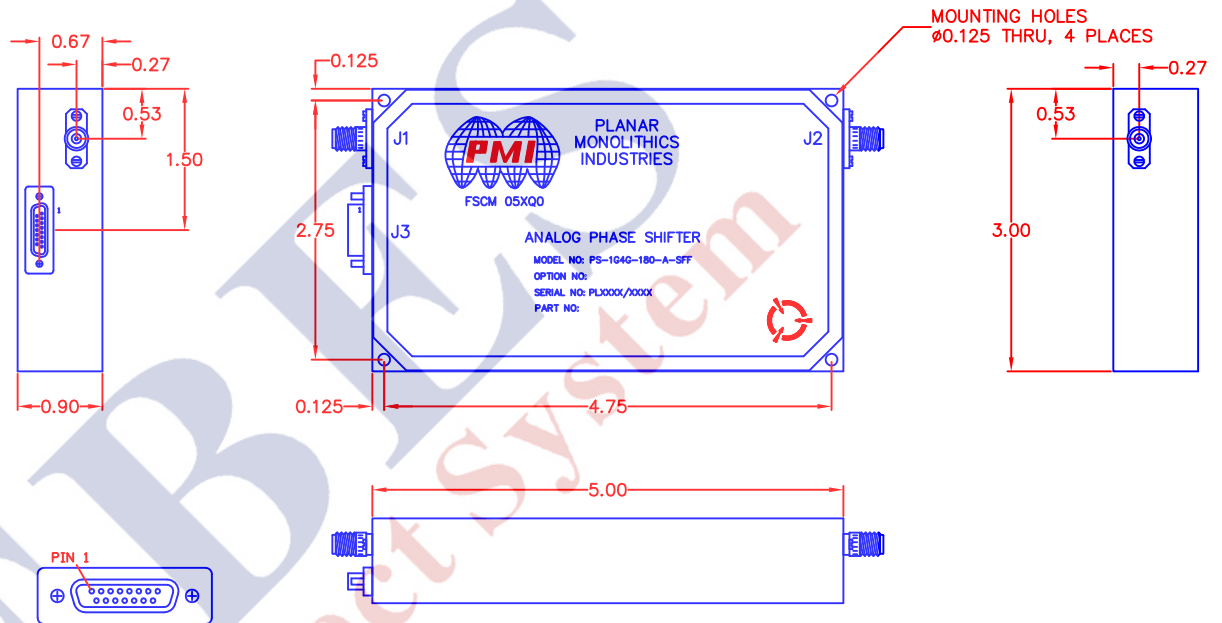
SPECIFICATIONS

- FREQUENCY RANGE..... 1 TO 4 GHz
- PHASE SHIFT..... 180°
- VSWR..... 2.0 : 1 TYPICAL
- CONNECTORS
 - RF INPUT/OUTPUT..... SMA FEMALE
 - CONTROLS..... MALE 15 PIN SUBMINIATURE "MICRO D" CONNECTOR
- VOLTAGE CONTROL..... +11V MAX*
-11V MAX*
- *DO NOT EXCEED 22 V DIFFERENTIAL BETWEEN + AND - V
- SIZE..... 5.00" x 3.00" x 0.90"
- FINISH..... PAINTED GRAY

ENVIRONMENTAL RATINGS

- **TEMPERATURE**..... -40° C TO +85° C (OPERATING)
-40° 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: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION



ELECTRICAL CONNECTOR PIN ASSIGNMENTS	
PIN NUMBER	FUNCTION
1	+V CONTROL
2	GROUND
3	-V CONTROL
4	N/C
5	N/C
6	N/C
7	N/C
8	N/C
9	N/C
10	N/C
11	N/C
12	N/C
13	N/C
14	N/C
15	N/C

NOTES:

- 1) DIMENSIONS ARE IN INCHES
- 2) TOLERANCES: X.XX ±0.020
X.XXX ±0.010

CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE	
DRAWN	DPD	1/12/11		PRODUCT FEATURE	
CHECKED				PS-1G4G-180-A-SFF	
ISSUED				1-4GHz, 0-180° PHASE SHIFTER	
SIZE	FSCM NO.	DWG NO.			
A	05XQ0	27013561			
SCALE	N: S				