

DESCRIPTION

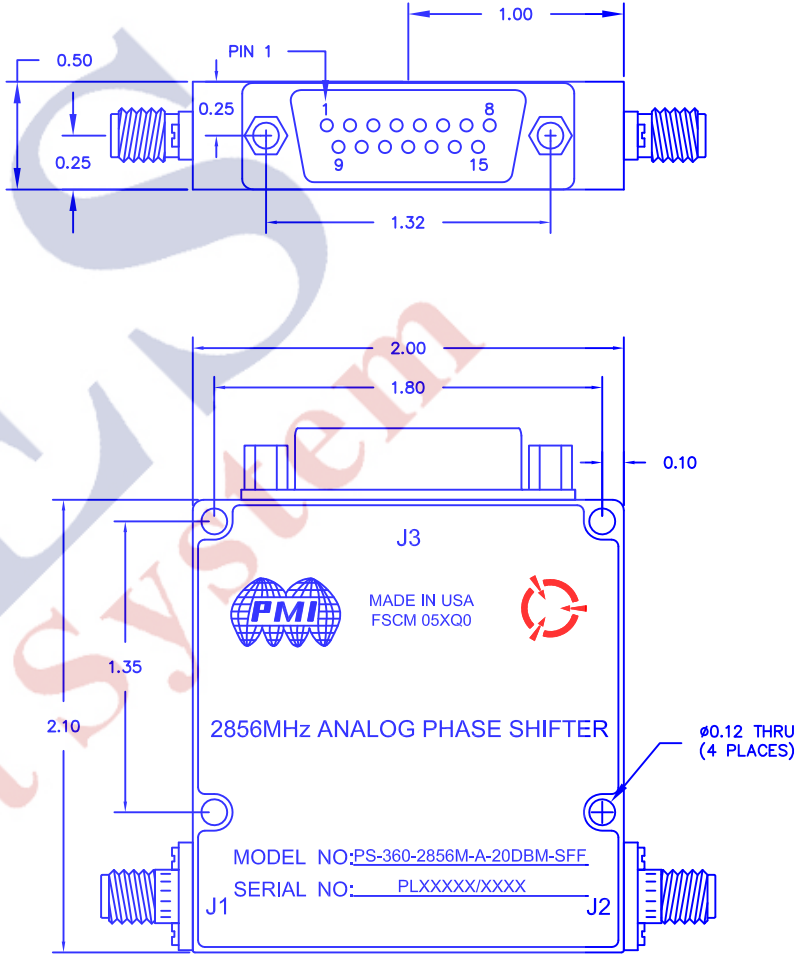
PMI MODEL NUMBER PS-360-2856M-A-20DBM-SFF IS A 2856MHz ANALOG CONTROLLED PHASE SHIFTER WITH CAPABILITY FOR PHASE SHIFTING FROM 0° TO 360°AND OPERATES WITH UP TO +20DBM INPUT POWER.

SPECIFICATIONS

- FREQUENCY RANGE:.....2856MHz
- RF INPUT POWER:.....20dBm (OPERATING)
- CONTROL.....0 TO 10V (LINEARIZED)
.....36 DEGREES / VOLT
- PHASE CONTROL RANGE:.....360 DEGREES
- PHASE ACCURACY:.....+/-2 DEGREES
- SPEED.....100NSEC MAX.
- INSERTION LOSS.....8dB TYP.
- CONNECTORS (RF).....SMA FEMALE
- CONNECTOR (CONTROL).....15 PIN SUBMINIATURE D (MALE)
- RF IMPEDANCE:.....50 OHMS NOMINAL
- VSWR:.....1.6:1 MAX.
- POWER SUPPLY.....+/-12V to +/-15V
- SIZE:.....2.00” X 2.10” X 0.50”
- FINISH.....PAINTED BLUE

PIN NO:	J3 PIN FUNCTIONS
1	ANALOG CONTROL VOLTAGE
2	GND
3	N/C
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	+VDC
14	-VDC
15	GND

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	5/13/14	



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- TEMPERATURE:.....-40°C TO +70°C (OPERATING)
.....-55°C TO +125°C (STORAGE)
- 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

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

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

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001:2008 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN		KM		5/19/14		PRODUCT FEATURE	
MODIFIED						PS-360-2856M-A-20DBM-SFF	
ISSUED						2856MHz ANALOG PHASE SHIFTER	
				SIZE		FSCM NO.	
				A		05XQ0	
						DWG NO.	
						PRELIMINARY	
						REV.	
						—	
				SCALE		N:S	
						SHEET	
						1 OF 1	