

DESCRIPTION

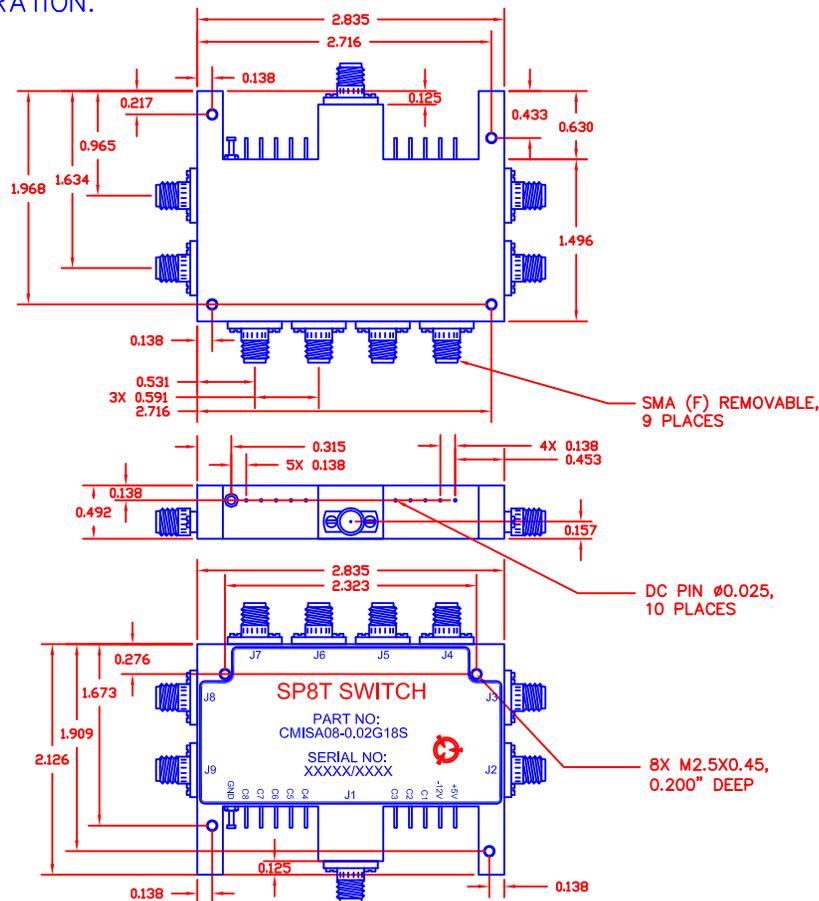
PMI MODEL: P8T-20M18G-80-R-512-SFF IS A SINGLE POLE EIGHT THROW, REFLECTIVE SWITCH MODULE WITH LOW INSERTION LOSS, HIGH ISOLATION AND WITH INTEGRAL TTL DRIVER DESIGNED FOR 12MHz TO 18 GHz OPERATION.

SPECIFICATIONS

- FREQUENCY RANGE: _____ 12MHz TO 18GHz Min
- INSERTION LOSS: _____ 4dB Typ, 4.5dB Max
- ISOLATION: _____ 80dB Min
- VSWR: _____ 2.0:1 Max
- SWITCHING SPEED: _____ 1us Max
- OPERATING POWER: _____ 23dBm Max
- CONTROL: _____ TTL LOGIC "1"= ON "0"= OFF
3.6 < 1 < 5V
- POWER SUPPLY: _____ + 5V @ 300 mA Max
-12V @ 100 mA Max
- SIZE: _____ (L) 2.835" X (W) 2.126" X (H) 0.492"
- FINISH: _____ SILVER PLATED

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	01/26/12	
	A2	ECN # 13-0158	09/18/13	

MECHANICAL OUTLINE



ENVIRONMENTAL RATINGS

- **TEMPERATURE:** _____ -55°C TO +95°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 107G 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

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 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>fk</i>		01/26/12	PRODUCT FEATURE			
CHECKED			P8T-20M18G-80-R-512-SFF			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27016141	A2
			SCALE	N: S		SHEET 1 OF 1