

DESCRIPTION

PMI MODEL SWN-1140-5DT-STD-OPT100M1G-80ISO-TB515 IS A ABSORPTIVE, SINGLE POLE, FIVE THROW PIN DIODE SWITCH THAT OPERATES OVER THE 0.1 GHz TO 1.0GHz FREQUENCY RANGE. THIS MODEL INCORPORATES A TTL COMPATIBLE DRIVER FOR EASY SYSTEM INTEGRATION.

SPECIFICATIONS

- FREQUENCY RANGE: _____ 0.1 TO 1.0 GHz
- ISOLATION: _____ 80 dB MIN
- INSERTION LOSS: _____ 1.4 dB MAX
- VSWR IN / OUT: _____ 1.80 : 1 MAX
- INPUT POWER: _____ +20 dBm CW MAX
- SURVIVAL POWER: _____ 1W CW OR 10W PEAK 1USEC PW
- RF SWITCHING SPEED: _____ RISE: 15ns MAX
FALL: 15ns MAX
DELAY ON: 100ns MAX
DELAY OFF: 100ns MAX
- DC VOLTAGE: _____ +5 VDC @ 250 mA MAX
-5 VDC @ 100 mA MAX
- CONTROL SIGNAL: _____ INDIVIDUAL CONTROL - TTL LOGIC
"0" = ON
"1" = OFF
- CONNECTORS IN/OUT: _____ SMA FEMALE
- DC & CONTROL: _____ SOLDER PINS
- FINISH: _____ BLUE EPOXY PAINT

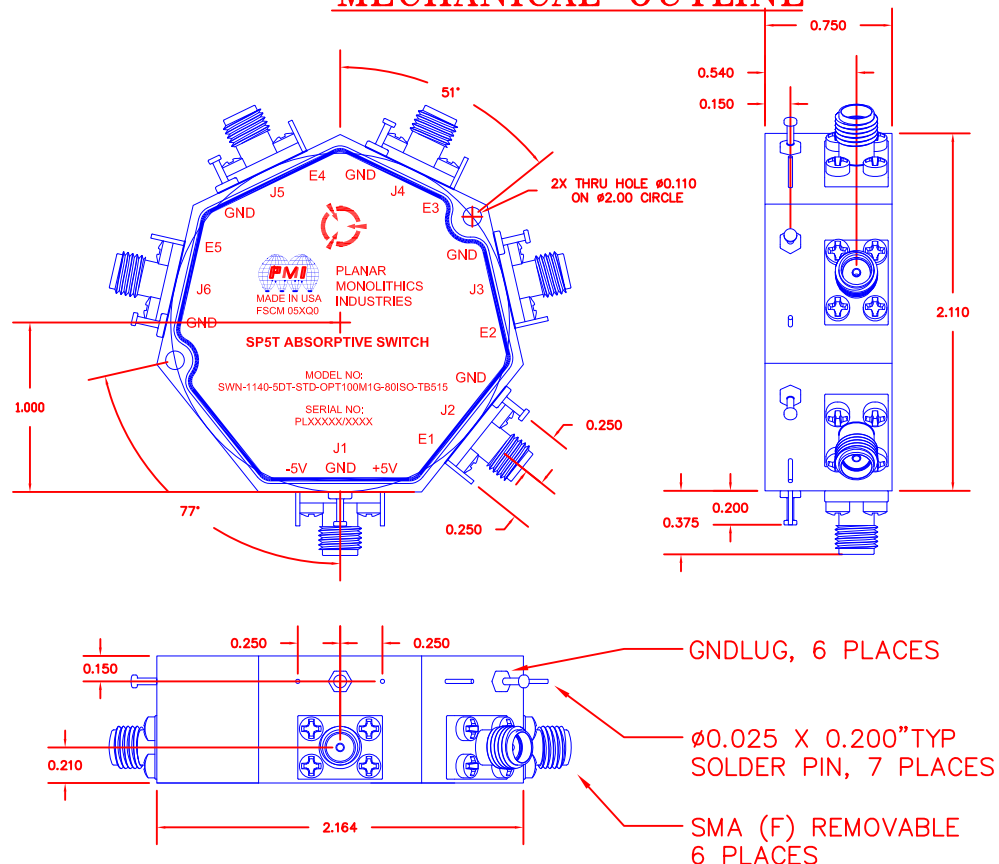
ENVIRONMENTAL RATINGS

- 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 107

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	12/9/14	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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

APPROVALS		DATE	TITLE			
DRAWN <i>K. MAPON</i>		12/9/14	PRODUCT FEATURE SWN-1140-5DT-STD-OPT100M1G-80ISO-TB515			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -
ISSUED			SCALE N: S		SHEET 1 OF 1	