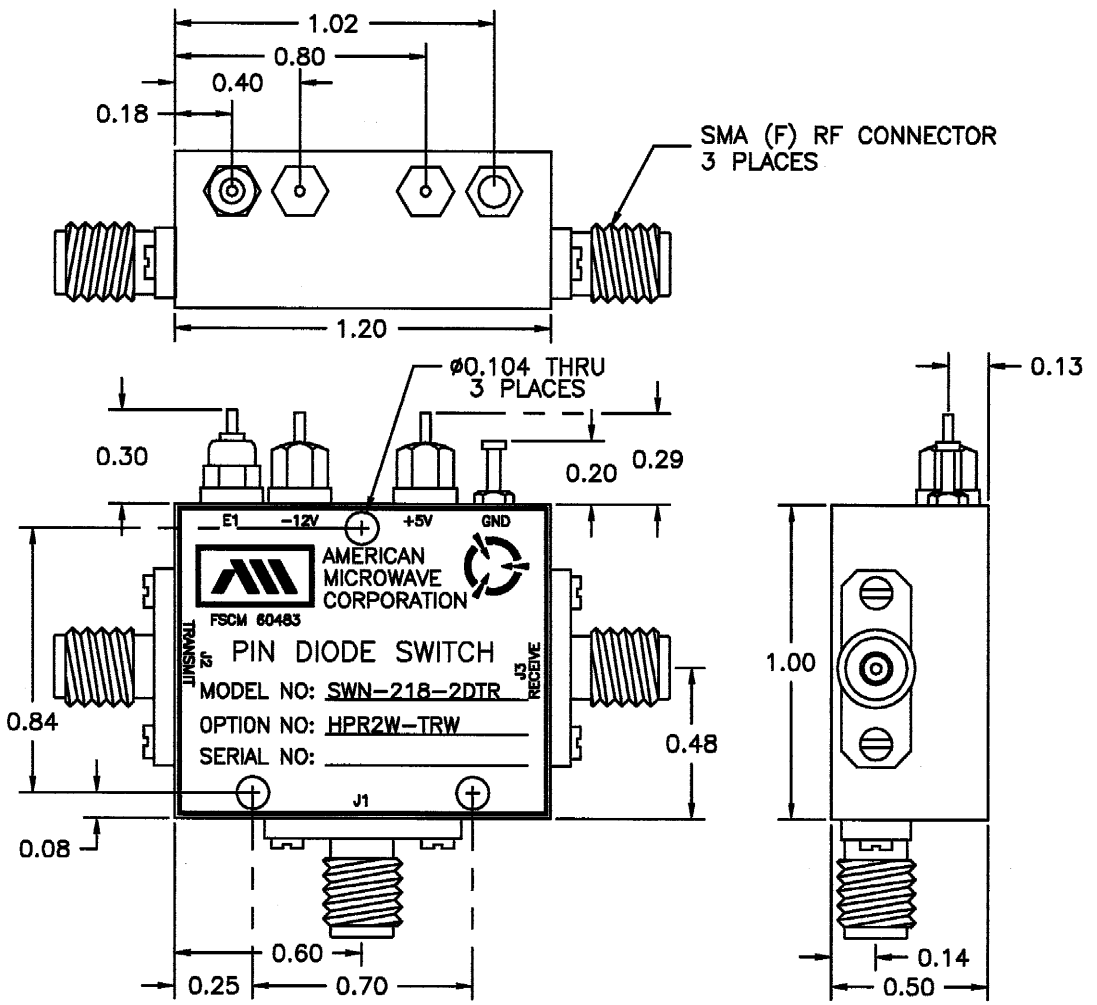


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
		ORIGINAL RELEASE	6/5/98	

SPECIFICATIONS:

- FREQUENCY: 5.6 GHz TO 6.0 GHz
- INSERTION LOSS: 2.0 db MAXIMUM, 1.5 TYPICAL
- VSWR: 2.0:1 MAXIMUM, 1.5:1 TYPICAL
- ISOLATION: 70 dB MINIMUM
- SPEED: TURN ON/OFF 300 nSEC MAXIMUM, 200 nSEC TYPICAL
- CONTROL: SINGLE CONTROL TTL TOGGLE
 LOGIC "0" = J1-J2 ON (TRANSMIT)
 LOGIC "1" = J1-J3 ON (RECEIVE)
- J1: COMMON PORT
- J2: TRANSMIT PORT
- J3: RECEIVE PORT
- POWER HANDLING: 1.5 WATT MINIMUM, 2.0 WATTS TYPICAL (J2 TRANSMIT ONLY)
 100 MILLIWATTS (J3 RECEIVE ONLY)
- POWER SUPPLY: +5V @ 100 mA MAXIMUM
 -12V @ 75mA MAXIMUM
- RECEIVE ARM (J3) INTERNALLY TERMINATED/NON REFLECTIVE
- TRANSMIT ARM (J2) REFLECTIVE



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 107D COND. A

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

APPROVALS		DATE	AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
DRAWN <i>WSP</i>		6/5/98	TITLE OUTLINE DRAWING SWN-218-2DTR-HPR2W-TRW SOLID STATE SWITCH	
CHECKED			SIZE A	FSCM NO. 60483
ISSUED			DWG NO. 100-4427-3	REV. 1
SCALE N/S			SHEET 1 of 1	

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION