

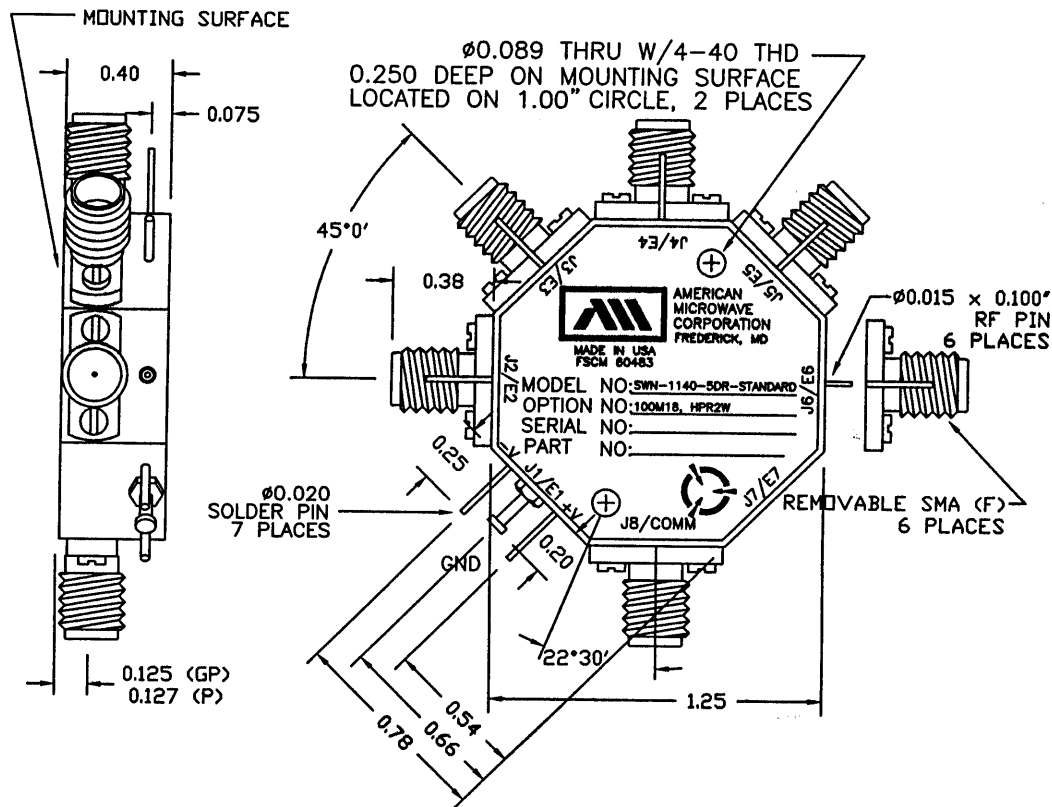
SPECIFICATIONS:

AMC MODEL NUMBER SWN-1140-5DR-STANDARD OPTION 100M18, HPR2W IS A SINGLE POLE FIVE THROW BROAD BAND, HIGH POWER SOLID STATE REFLECTIVE SWITCH WITH HIGH ISOLATION AND LOW LOSS.

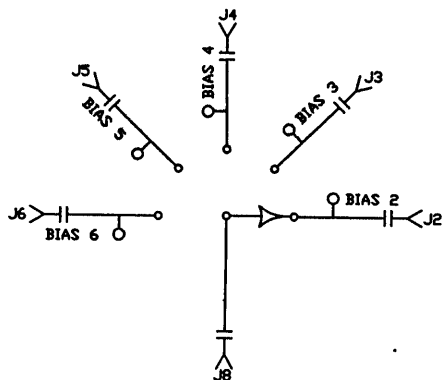
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL JOB# 104089-2	06/08/01	

SPECIFICATIONS:

- FREQUENCY: 100 MHz TO 18 GHz
- INSERTION LOSS: 3.25 dB
- ISOLATION: 100 MHz TO 2 GHz: 60 dB
2 GHz TO 18 GHz: 70 dB
- VSWR: 2.0:1
- SPEED: DELAY ON: 500ns TYPICAL
DELAY OFF: 500ns TYPICAL
- POWER INPUT: +33 dBm CW
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: +5V ● 250 mA MAXIMUM
-15V ● 75 mA MAXIMUM



BLOCK DIAGRAM



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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

CONTRACT NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>WJCS</i>	06/08/01	PRODUCT FEATURE SWN-1140-5DR-STANDARD OPTIONS: 100M18, HPR2W	
CHECKED <i>WJ</i>	2/14/02	SIZE	FSCM NO.
ISSUED		A	60483
		DWG NO.	100-6110
		SCALE	N/S
		REV.	A
		SHEET 1 of 3	