

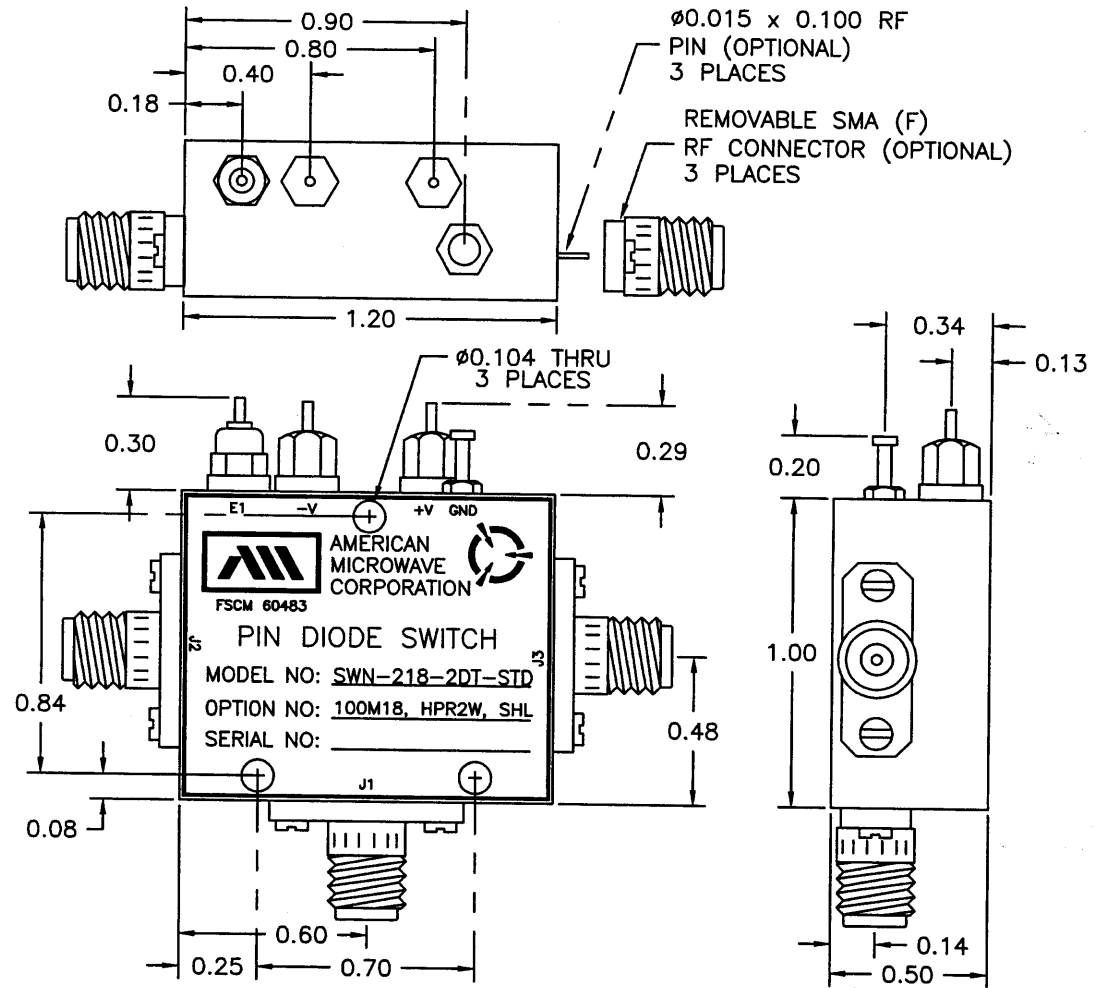
SPECIFICATIONS:

AMC MODEL NUMBER SWN-218-2DT-STANDARD OPTION 100M18, HPR2W, SHL IS A SINGLE POLE DOUBLE THROW, BROAD BAND, HIGH POWER SOLID STATE ABSORPTIVE SWITCH WITH HIGH ISOLATION AND LOW LOSS.

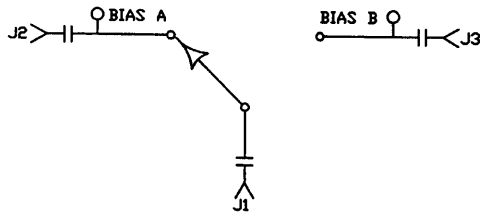
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	ORIGINAL JOB# 104089-3	05/29/01	

SPECIFICATIONS:

- FREQUENCY: 100 MHz TO 18 GHz
- INSERTION LOSS: 3.5 dB
- ISOLATION: 100 MHz TO 2 GHz: 60 db
2 GHz TO 18 GHz: 70 db
- VSWR: ABSORPTIVE IN/OUT: 2.0:1
ABSORPTIVE OUT/OFF: 2.0:1
- SPEED: DELAY ON: 500ns TYPICAL
DELAY OFF: 500ns TYPICAL
- POWER INPUT: +33 dBm CW
- CONTROL: TTL LOGIC "0" = J1-J2 ON, LOGIC "1" = J1-J3 ON
- POWER SUPPLY: +5V @ 100 mA MAXIMUM
-15V @ 75 mA MAXIMUM



BLOCK DIAGRAM



CONFIDENTIAL AND PROPRIETARY

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

APPROVALS		DATE	AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
DRAWN <i>WJCS</i>		05/29/01	TITLE PRODUCT FEATURE SWN-218-2DT-STANDARD OPTION 100M18, HPR2W, SHL	
CHECKED <i>WJCS</i>		2/19/02	SIZE A	FSCM NO. 60483
ISSUED			DWG NO. 100-6108	REV. -
SCALE N/S			SHEET 1 of 3	