

DESCRIPTION:

AMC MODEL SWN-218-2DR-STANDARD OPTION: 052, HPR1W, B02 IS A SINGLE POLE TWO THROW SWITCH WITH AN INSERTION LOSS OF 2.0 dB MAXIMUM, AN ISOLATION OF 60 dB MINIMUM, IT IS DESIGNED TO OPERATE BETWEEN THE 0.5 TO 2 GHz FREQUENCY RANGE,

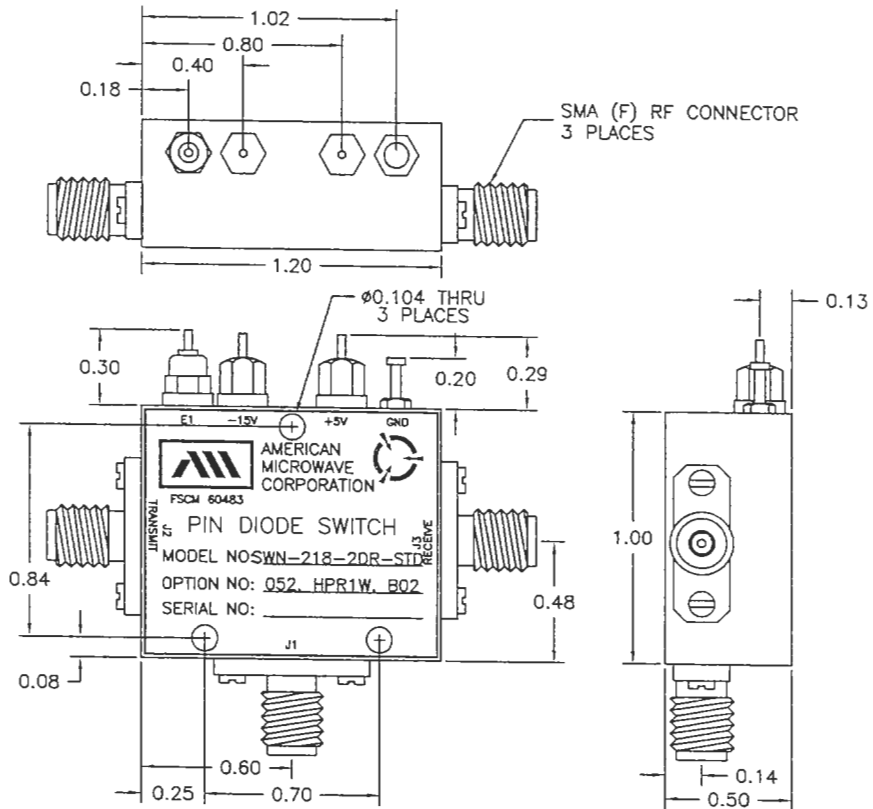
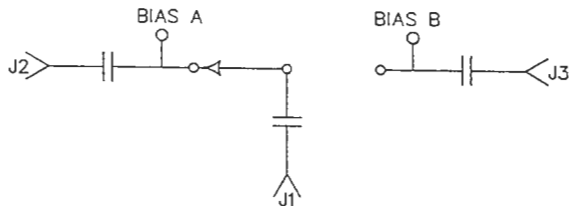
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	ORIGINAL RELEASE JOB# 402026PE-1	9/29/04	

SPECIFICATIONS:

- FREQUENCY: 0.5 GHz TO 2.0 GHz
- INSERTION LOSS: 2.0 dB MAXIMUM
- ISOLATION: 60 dB MINIMUM
- VSWR: 2.0:1
- SPEED: RISE: 10ns TYPICAL, 15ns MAXIMUM
FALL: 10ns TYPICAL, 15ns MAXIMUM
DELAY ON: 75ns TYPICAL, 100ns MAXIMUM
DELAY OFF: 75ns TYPICAL, 100ns MAXIMUM
- POWER INPUT: (CW)+20dBm (STANDARD), +10 dBm (HIGH SPEED)
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: +5V @ 100 mA MAXIMUM
-15V @ 75 mA MAXIMUM

OPTIONS:

- SINGLE CONTROL WITH SOLDER PIN STANDARD
- 052 FREQUENCY RANGE OF 0.5 - 2.0 GHz
- HPR1W HIGH POWER, 1 WATT
- B02 -15V POWER SUPPLIES



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

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

AMERICAN MICROWAVE CORPORATION

7311-G GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-4700 FAX: 301-662-4938
WEBSITE: www.americanmicrowavecorp.com
E-MAIL: sales@americanmicrowavecorp.com
ISO 9001:2000 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN	EFE	9/29/04	PRODUCT FEATURE SWN-218-2DR-STANDARD OPTION: 052, HPR1W, B02 0.5 TO 2 GHz, SINGLE POLE TWO THROW SWITCH		
REDRAWN	gdf	9/2/04	SIZE	FSCM NO.	DWG NO.
ISSUED	jt	9/2/04	A	60483	100-6945
			SCALE	SHEET	
			N:S	1 OF 3	