

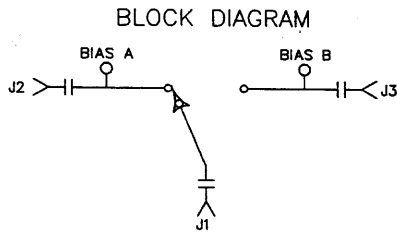
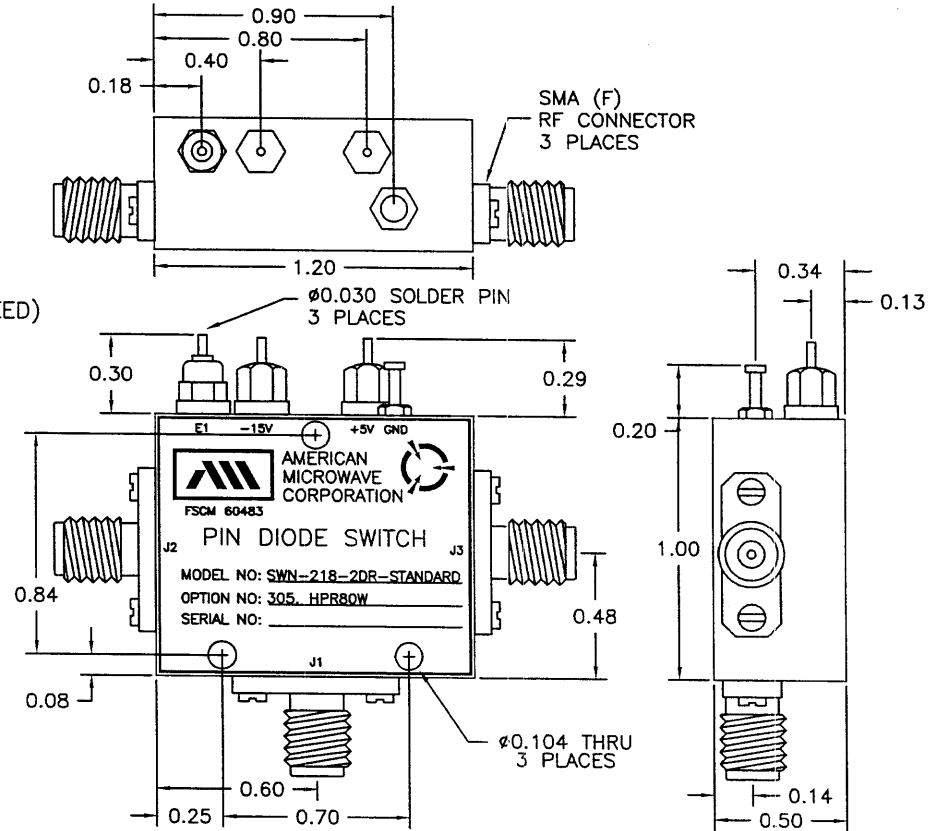
# DESCRIPTION

AMC MODEL SWN-218-2DR-STANDARD OPTION: 305, HPR80W IS A HIGH POWER, LOW INSERTION LOSS, LOW ISOLATION SINGLE POLE TWO THROW SWITCH DESIGNED TO OPERATE BETWEEN THE 3400 TO 3615 MHz FREQUENCY RANGE:

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE JOB# 410237XN	11/16/04	BSC

# SPECIFICATIONS

- FREQUENCY RANGE: ..... 3400 TO 3615 MHz
- INSERTION LOSS: ..... 0.7 dB MAXIMUM
- ISOLATION: ..... 45 dB MINIMUM
- VSWR: ..... 1.4:1
- DELAY ON: ..... 200 nSec MAXIMUM
- DELAY OFF: ..... 350 nSec MAXIMUM
- POWER INPUT: ..... (CW) +20 dBm (STANDARD), +10 dBm (HIGH SPEED)
- SURVIVAL POWER: ..... 1 WATT CW, 10 WATTS PEAK 1 uSec
- CONTROL: ..... TTL LOGIC "0" = ON J1-J2  
TTL LOGIC "1" = ON J1-J3
- POWER SUPPLY: ..... +5V @ 38 mA MAXIMUM  
-15V @ 2 mA MAXIMUM
- SIZE: ..... 1.20" x 1.00" x 0.05"



# 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.americamicrowavecorp.com](http://www.americamicrowavecorp.com)  
E-MAIL: [sales@americamicrowavecorp.com](mailto:sales@americamicrowavecorp.com)  
ISO 9001:2000 CERTIFIED

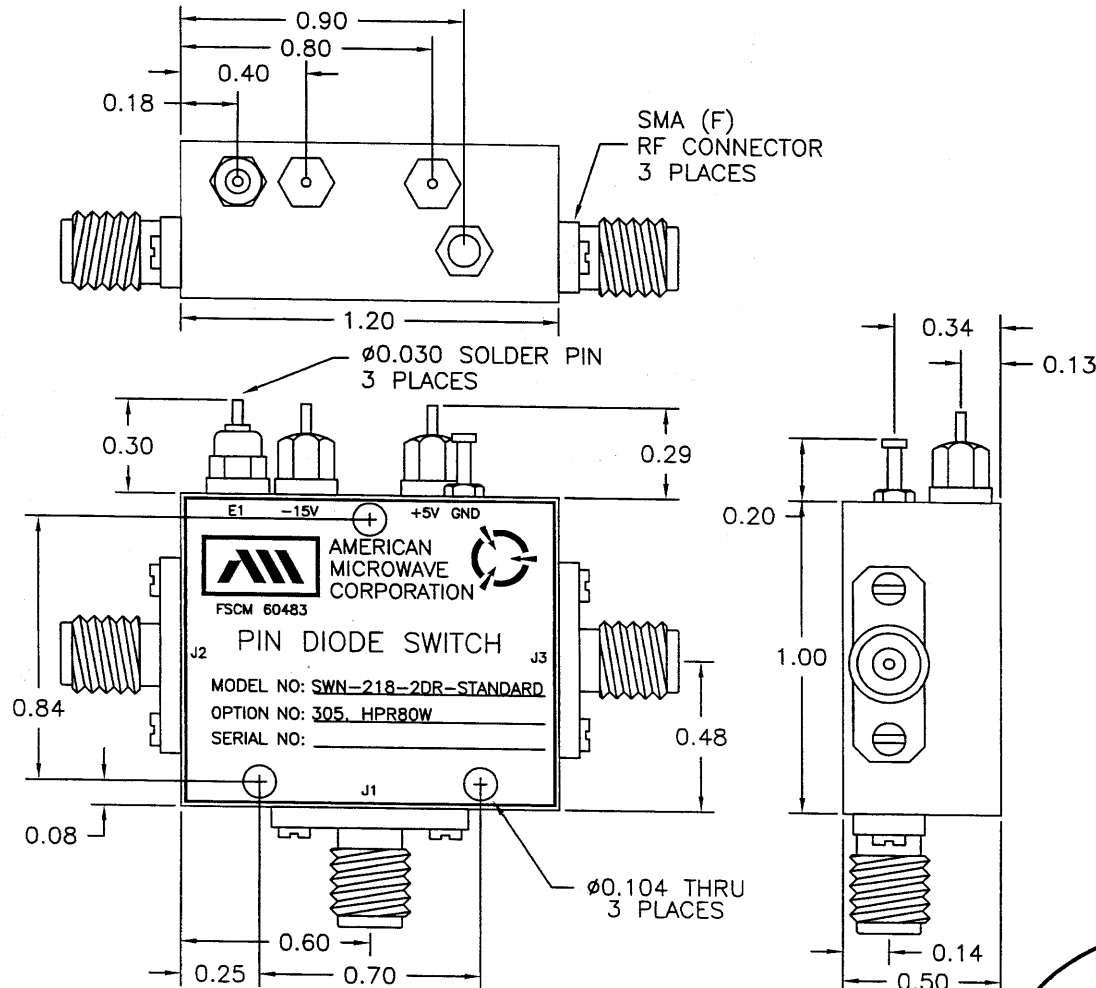


APPROVALS		DATE	TITLE		
DRAWN	JDJ	11/16/04	PRODUCT FEATURE SWN-218-2DR-STANDARD OPTION: 305, HPR80W 3400 TO 3615 MHz, SINGLE POLE TWO THROW SWITCH		
CHECKED	LA	2/16/04	SIZE	FSCM NO.	DWG NO.
ISSUED			A	60483	100-7207
			SCALE	N:S	SHEET 1 OF 3

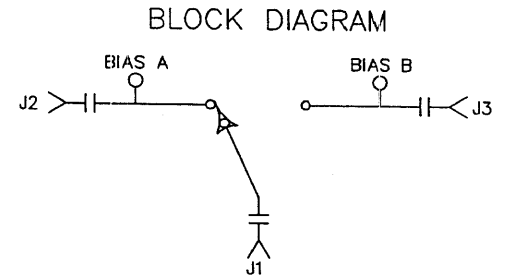
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REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
		- ORIGINAL RELEASE JOB# 410237XN	11/16/04	



# MECHANICAL OUTLINE



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 TEL: 301-662-4700 FAX: 301-662-4938  
 WEBSITE: [www.americamicrowavecorp.com](http://www.americamicrowavecorp.com)  
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 TOLERANCES:  
 X.XX ±0.020  
 X.XXX ±0.010

APPROVALS		DATE	TITLE		
DRAWN	<i>JDS</i>	11/16/04	MECHANICAL OUTLINE SWN-218-2DR-STANDARD OPTION: 305, HPR80W 3400 TO 3615 MHz, SINGLE POLE TWO THROW SWITCH		
CHECKED	<i>LA</i>	12/16/04	SIZE	FSCM NO.	DWG NO.
ISSUED			A	60483	100-7207
			SCALE	N:S	SHEET 2 OF 3