

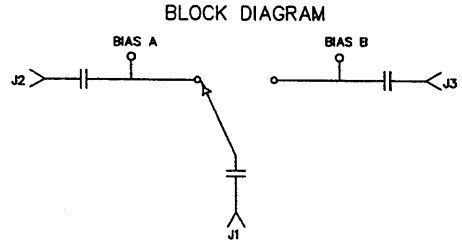
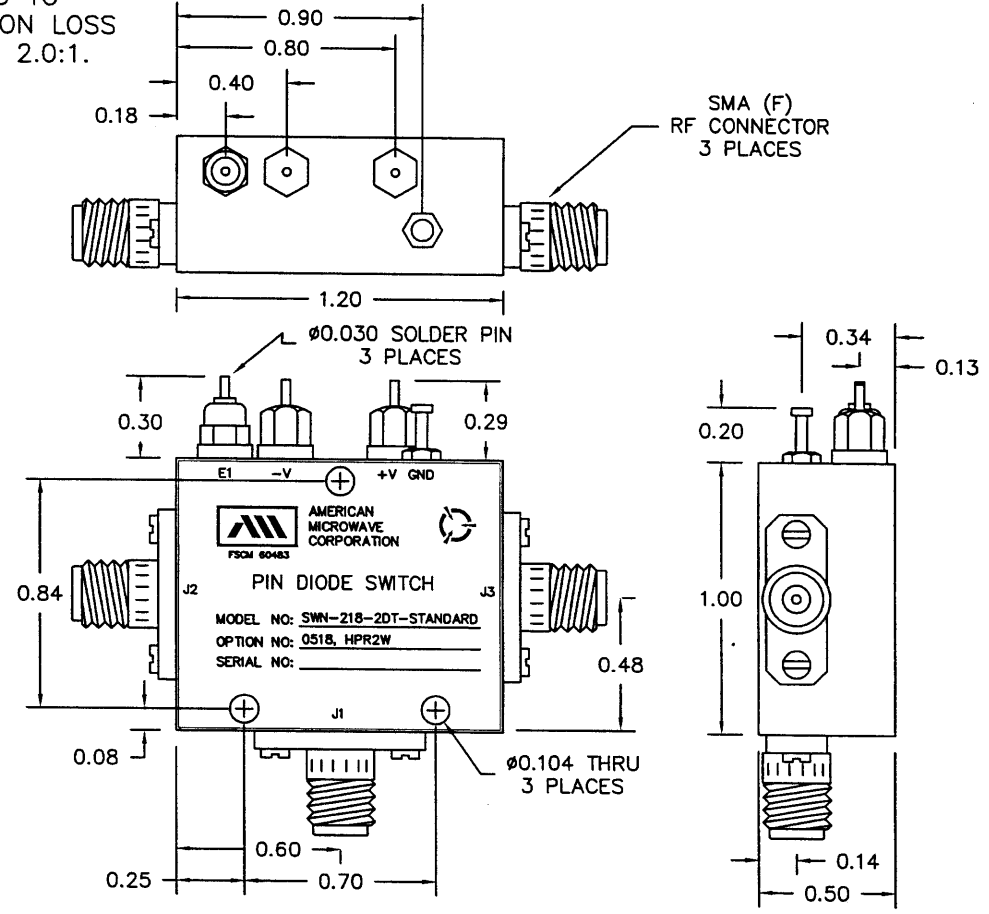
DESCRIPTION

AMC MODEL SWN-218-2DT-STANDARD OPTION: 0518, HPR2W IS A NON-REFLECTIVE/ABSORPTIVE SINGLE POLE TWO THROW SWITCH DESIGNED TO OPERATE OVER THE 0.5 TO 18 GHz FREQUENCY RANGE WITH AN INSERTION LOSS OF 3.0 dB MAXIMUM, AN ISOLATION OF 80 dB MINIMUM AND A VSWR OF 2.0:1.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	ORIGINAL RELEASE JOB# 408184	9/16/04	ESC

SPECIFICATIONS

- FREQUENCY RANGE: 0.5 TO 18 GHz
- INSERTION LOSS: 3.0 dB MAXIMUM
- ISOLATION: 80 dB MINIMUM
- VSWR: 2.0:1
- RISE TIME: 10 nSec TYPICAL, 15 nSec MAXIMUM
- FALL TIME: 10 nSec TYPICAL, 15 nSec MAXIMUM
- DELAY ON: 75 nSec TYPICAL, 100 nSec MAXIMUM
- DELAY OFF: 75 nSec TYPICAL, 100 nSec MAXIMUM
- POWER INPUT: (CW)+20 dBm (STANDARD)
+10 dBm (HIGH SPEED)
- SURVIVAL POWER: 2 WATTS CW, 10 WATTS PEAK 1 uSec
- CONTROL: TTL LOGIC "0" = ON J1-J2
TTL LOGIC "1" = ON J1-J3
- POWER SUPPLY: +5V @ 100 mA MAXIMUM
-12V @ 100 mA MAXIMUM
- SIZE: 1.00" x 1.20" x 0.50"
- WEIGHT: ≤1.2 oz.



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

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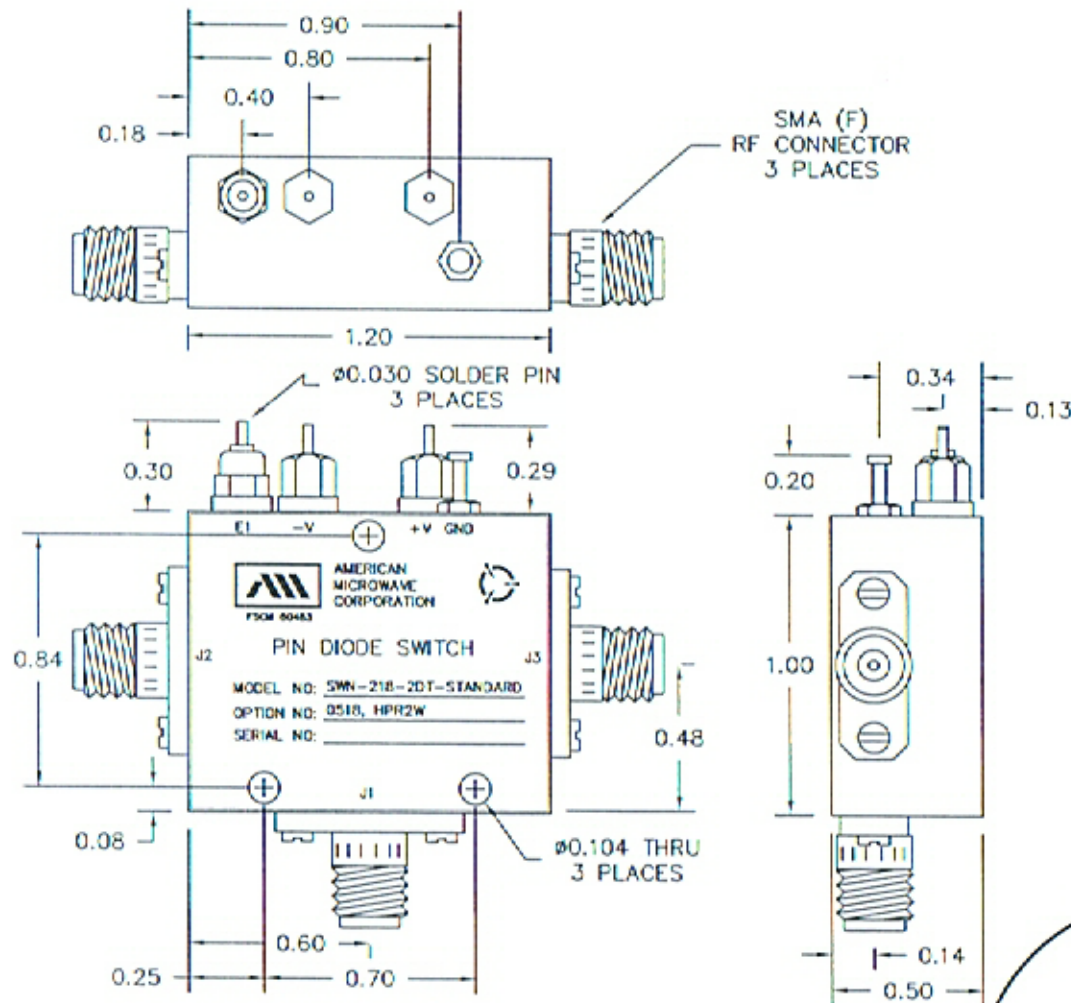


APPROVALS		DATE	TITLE			REV.
DRAWN	229	9/16/04	PRODUCT FEATURE SWN-218-2DT-STANDARD OPTION: 0518, HPR2W 0.5 TO 18 GHz, SINGLE POLE TWO THROW SWITCH			-
CHECKED	KA	10/16/04	SIZE	FSCM NO.	DWG NO.	
ISSUED			A	60483	100-7114	
			SCALE	N:S		SHEET 1 OF 3

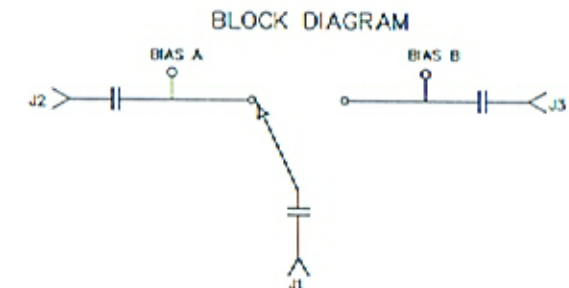
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REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	ORIGINAL RELEASE JOB# 408184	9/16/04	EX



MECHANICAL OUTLINE



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 TOLERANCES:
 X.XX ±0.020
 X.XXX ±0.010

APPROVALS		DATE	TITLE			
DESIGN	JDS	9/16/04	MECHANICAL OUTLINE SWN-218-2DT-STANDARD OPTION: 0518, HPR2W 0.5 TO 18 GHz, SINGLE POLE TWO THROW SWITCH			
CHECKED	CH	10/14/04	SIZE	FIG. NO.	ENG. NO.	REV.
ISSUED			A	60483	100-7114	-
			SCALE	N:S	SHEET 2 OF 3	