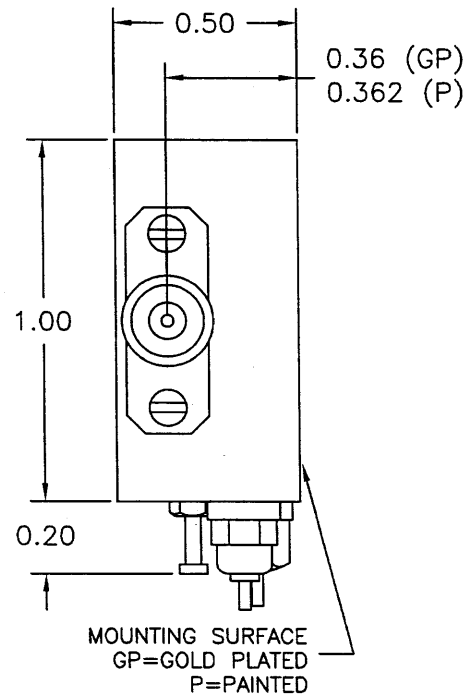
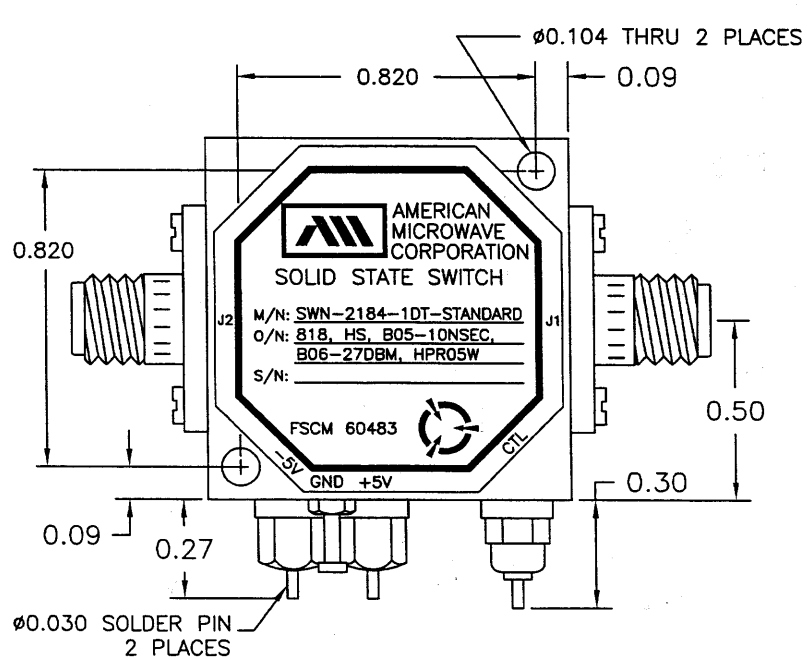


DESCRIPTION

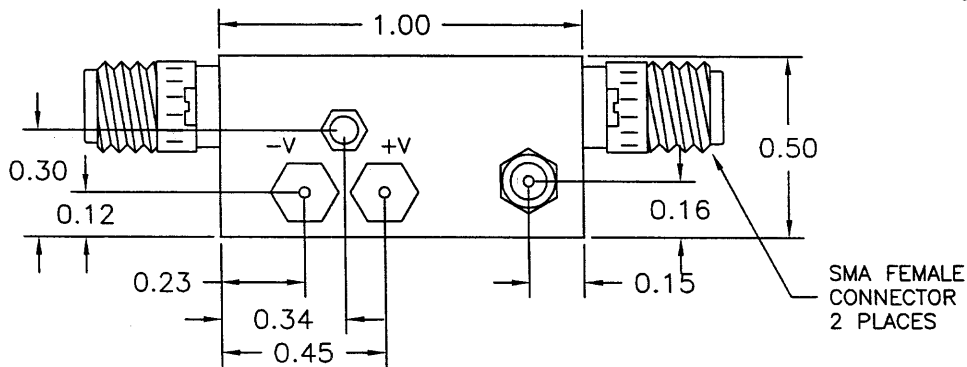
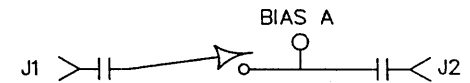
AMC MODEL SWN-2184-1DT-STANDARD OPTION: 818, HS, B05-10NSEC, B06-27DBM, HPR05W IS AN ABSORPTIVE/NON-REFLECTIVE HIGH SPEED, HIGH POWER SINGLE POLE SINGLE THROW SWITCH DESIGNED TO OPERATE OVER THE FULL 8 TO 18 GHz FREQUENCY RANGE.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE JOB# 409233X	11/29/04	



MECHANICAL OUTLINE

BLOCK DIAGRAM



ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

AMERICAN MICROWAVE CORPORATION

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E-MAIL: sales@americanmicrowavecorp.com
ISO 9001:2000 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN	<i>gds</i>	11/29/04	MECHANICAL OUTLINE SWN-2184-1DT-STANDARD OPTION: 818, HS, B05-10NSEC, B06-27DBM, HPR05W 8-18 GHz, SINGLE POLE SINGLE THROW SWITCH		
CHECKED	<i>pa</i>	2/16/05	SIZE	FSCM NO.	DWG NO.
ISSUED			A	60483	100-7211
			SCALE	N:S	SHEET 2 OF 3

DESCRIPTION

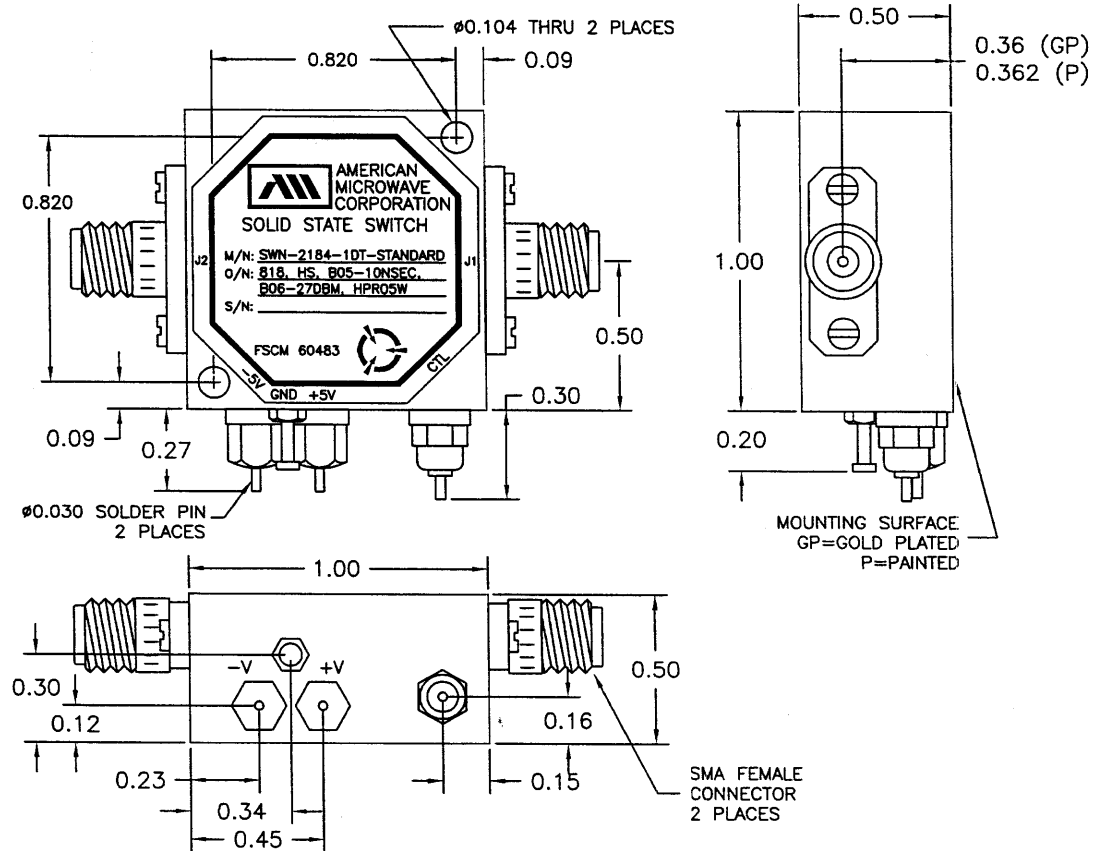
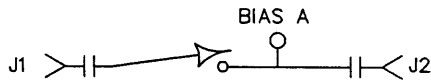
AMC MODEL SWN-2184-1DT-STANDARD OPTION: 818, HS, B05-10NSEC, B06-27DBM, HPR05W IS AN ABOSOPTIVE/NON-REFLECTIVE HIGH SPEED, HIGH POWER SINGLE POLE SINGLE THROW SWITCH DESIGNED TO OPERATE OVER THE FULL 8 TO 18 GHz FREQUENCY RANGE.

ZONE		REV.	DESCRIPTION	DATE	APPROVED
		-	ORIGINAL RELEASE JOB# 409233X	11/29/04	ESC

SPECIFICATIONS

- FREQUENCY RANGE: 8 TO 18 GHz
- INSERTION LOSS: 2.0 dB MAXIMUM
- ISOLATION: 60 dB MINIMUM
- VSWR: 2.0:1
- TURN ON: 10 nSec
- TURN OFF: 10 nSec
- POWER INPUT: (CW)+27 dBm (STANDARD)
- SURVIVAL POWER: 0.5 WATT CW, 10 WATTS PEAK 1 uSec
- CONTROL: TTL LOGIC "0" = ON
TTL LOGIC "1" = OFF
- POWER SUPPLY: +5V @ 100 mA MAXIMUM
-5V @ 100 mA MAXIMUM
- CONNECTORS:
RF: SMA FEMALE
CONTROL: SOLDER PIN
- SIZE: 1.00" (L) x 1.00" (W) x 0.50" (H)
- WEIGHT: < 1.5 OUNCE

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

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

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APPROVALS		DATE	TITLE		REV.
DRAWN	JDS	11/29/04	PRODUCT FEATURE SWN-2184-1DT-STANDARD		
CHECKED	ps	12/16/04	OPTION: 818, HS, B05-10NSEC, B06-27DBM, HPR05W 8-18 GHz, SINGLE POLE SINGLE THROW SWITCH		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	60483	100-7211
			SCALE	N:S	SHEET 1 OF 3