

DESCRIPTION:

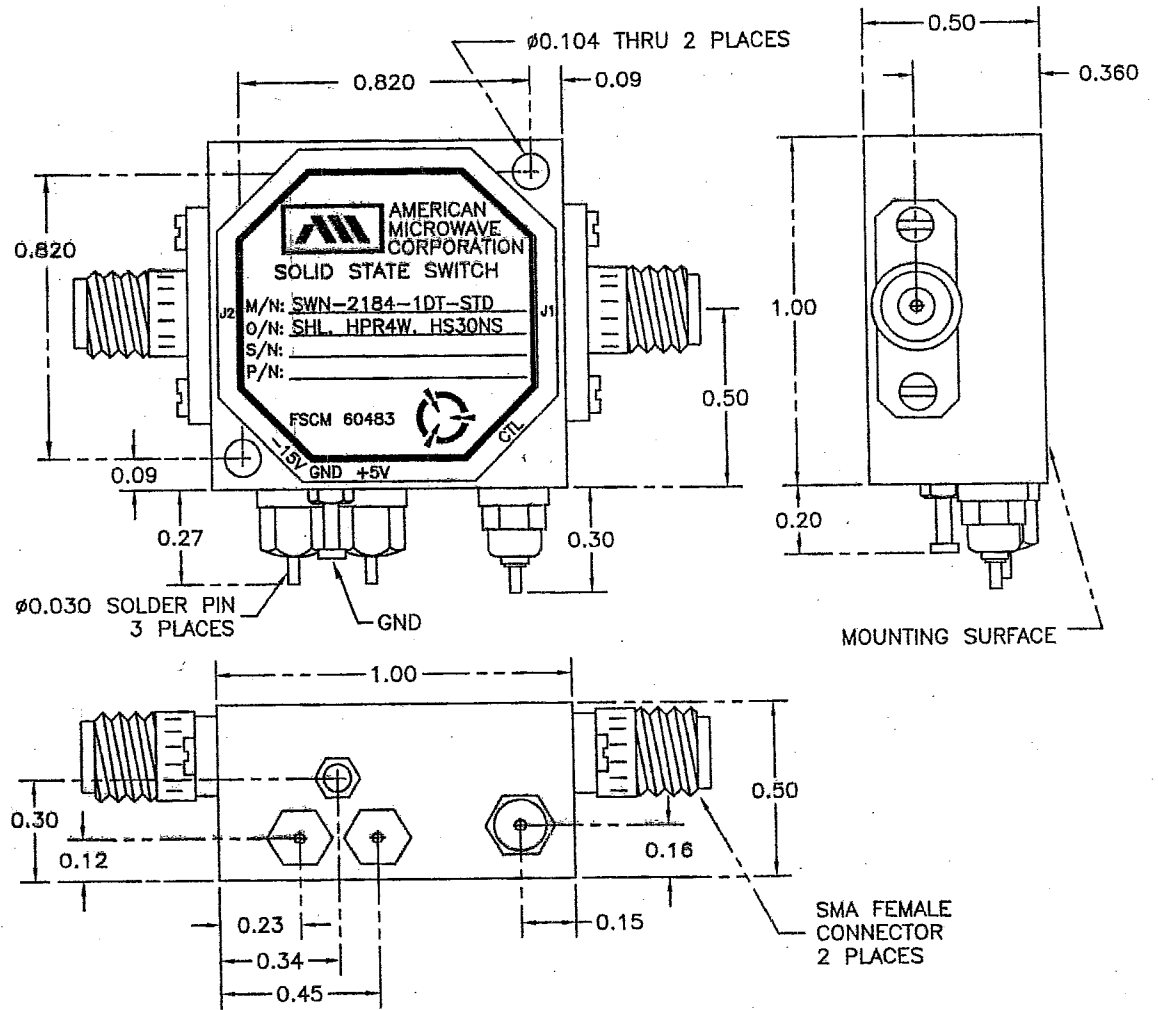
AMC MODEL SWN-2184-1DT-STD OPTION: SHL, HPR4W, HS30NS IS A 600 TO 1300 MHz, HIGH POWER (4 WATTS), HIGH SPEED (30 nSec), NON-REFLECTIVE SPST SWITCH WITH +5V AND -15V.

ZONE		REV.	DESCRIPTION	DATE	APPROVED
		-	ORIGINAL JOB# 204067XE-1	05/07/02	

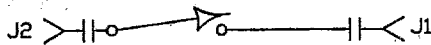
SPECIFICATIONS:

- FREQUENCY:..... 0.6 GHz TO 1.3 GHz
- INSERTION LOSS:..... 1.5 dB
- ISOLATION:..... 70 dB
- VSWR:..... 1.5:1
- SPEED:..... DELAY ON: 30 nS
DELAY OFF: 30 nS
- POWER INPUT:..... 4 WATTS
- CONTROL:..... TTL LOGIC "0" = ON "1" = OFF
- POWER SUPPLY:..... +5V @ 100 mA MAXIMUM
-15V @ 100 mA MAXIMUM

M/N = MANUFACTURER PART NUMBER
O/N = OPTION NUMBER
S/N = SERIAL NUMBER
P/N = PART NUMBER



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 CONDITION B
- SHOCK:..... MIL-STD-202F, METHOD 213B CONDITION B
- VIBRATION:..... MIL-STD-202F, METHOD 204D CONDITION B
- ALTITUDE:..... MIL-STD-202F, METHOD 105C CONDITION B
- TEMPERATURE CYCLE:..... MIL-STD-202F, METHOD 107D CONDITION 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		05/07/02	TITLE PRODUCT FEATURE		
CHECKED		7/2/02	SWN-2184-1DT-STANDARD OPTION: SHL, HPR4W, HS30NS		
ISSUED			SIZE A	FSCM NO. 60483	DWG NO. 100-6350
SCALE N/A			REV. -		
					SHEET 1 OF 3