

DESCRIPTION:

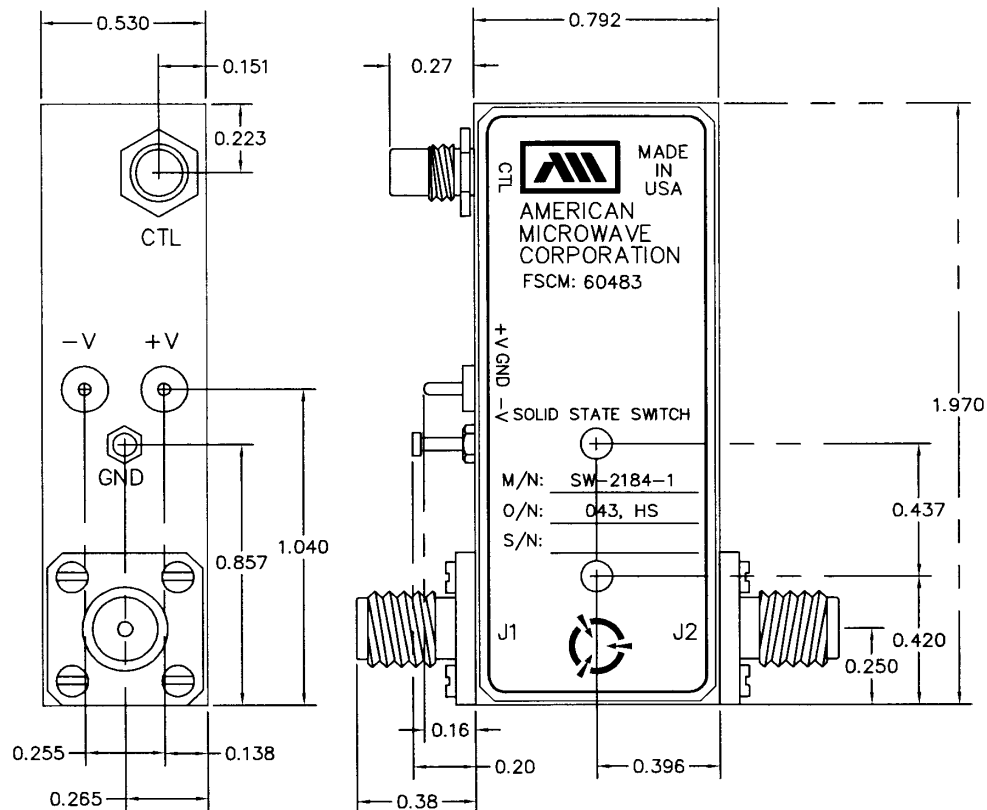
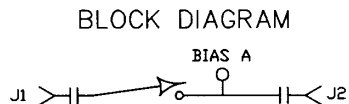
AMC MODEL NUMBER SW-2184-1 OPTIONS 043, HS IS A SINGLE POLE SINGLE THROW PIN DIODE SWITCH MODULE WITH LOW INSERTION LOSS AND VERY HIGH ISOLATION, DESIGNED FOR 0.4 GHz TO 3 GHz FREQUENCY RANGE.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	ORIGINAL RELEASE, JOB# 906113E	10/30/03	

SPECIFICATIONS:

- FREQUENCY: 0.4 GHz TO 3 GHz
- INSERTION LOSS: 0.4 GHz TO 1 GHz: 1.0 dB MAXIMUM
1 GHz TO 2 GHz: 1.0 dB MAXIMUM
2 GHz TO 3 GHz: 1.2 dB MAXIMUM
- ISOLATION: 0.4 GHz TO 1 GHz @ 45 dB MINIMUM
1 GHz TO 2 GHz @ 70 dB MINIMUM
2 GHz TO 3 GHz @ 85 dB MINIMUM
- VSWR: 1.4:1
- SPEED: RISE TIME: 10 nSEC MAXIMUM (10% RF TO 90% RF)
FALL TIME: 10 nSEC MAXIMUM (90% RF TO 10% RF)
- RF CONNECTORS: SMA FEMALE
- CONTROL: PATH "ON" -10 VDC
PATH "OFF" +35 mA
- WEIGHT: 1.5 OUNCES TYPICAL

MECHANICAL OUTLINE



CONFIDENTIAL AND PROPRIETARY

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: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN	10/30/03	PRODUCT FEATURE		
CHECKED		SW-2184-1		
ISSUED		OPTIONS 043, HS		
SIZE	FSCM NO.	DWG NO.	REV.	
A	60483	100-6820	-	
SCALE N: S		SHEET 1 of 3		