

DESCRIPTION:

AMC MODEL SWN-AGRA-1DR-TTL-GAK1-LVT OPT. 500M18, B02 IS A SINGLE POLE SINGLE THROW, REFLECTIVE SWITCH MODULE WITH VERY LOW INSERTION LOSS, HIGH ISOLATION AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR LOW VIDEO TRANSIENTS AND DESIGNED FOR THE 0.5 GHz TO 18 GHz BANDWIDTH.

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
-	-	ORIGINAL RELEASE, JOB #402026PE-2	4/1/04

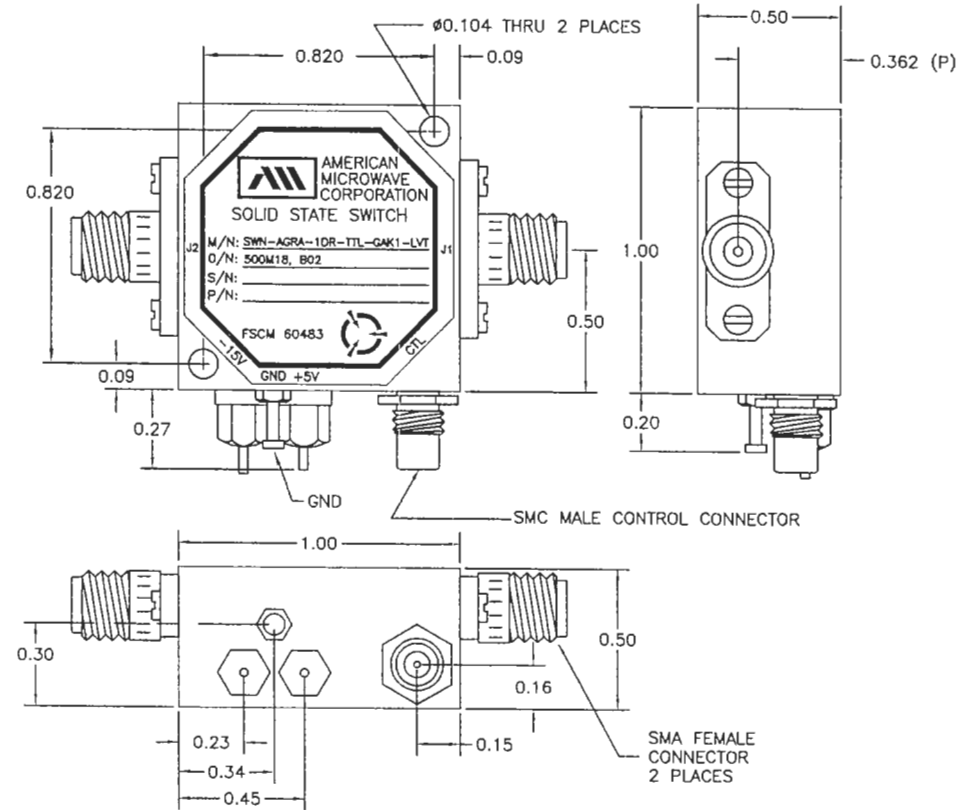
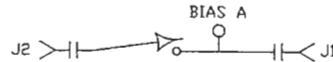
SPECIFICATIONS:

- FREQUENCY: 0.5 GHz TO 18 GHz
- INSERTION LOSS: 2.5 dB MAX
- ISOLATION: 70 dB MIN
- VSWR: 2.0:1
- SPEED: RISE: 5 nS MAXIMUM
FALL: 5 nS MAXIMUM
DELAY ON: 12 nS MAXIMUM
DELAY OFF: 12 nS MAXIMUM
- POWER INPUT: +15 dBm CW MAXIMUM @ 2 GHz TO 18 GHz
- RF CONNECTORS: SMA FEMALE
- DC POWER SUPPLY: +5VDC @ 60 mA MAXIMUM
-15VDC @ 60 mA MAXIMUM
- CONTROL: TTL LOGIC "1"=ON "0"=OFF
- WEIGHT: 1.5 OUNCES TYPICAL
- SIZE: 1.00 (L) X 1.00 (W) X 0.50 (H)

OPTIONS:

- 500M18 OPTIMIZED FOR 0.5 TO 18 GHz
- B02 -15 V POWER SUPPLY

BLOCK DIAGRAM



ENVIRONMENTAL RATINGS:

- TEMPERATURE: -10°C TO +55°C (OPERATING)
-40°C TO +71°C (STORAGE)
 - HUMIDITY: 95% OVER TEMPERATURE
 - 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

APPROVALS		DATE	AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND		
DRAWN	878	4/1/04	TITLE PRODUCT FEATURE		
REDRAWN	879	8/10/04	SWN-AGRA-1DR-TTL-GAK1-LVT		
ISSUED	PA	8/2/04	OPTIONS: 500M18, B02		
			0.5 TO 18 GHz REFLECTIVE, SINGLE POLE SINGLE THROW SWITCH	SIZE	REV.
			FSCM NO. 60483	DWG NO. 100-6952	-
			SCALE N/S	SHEET 1 of 3	