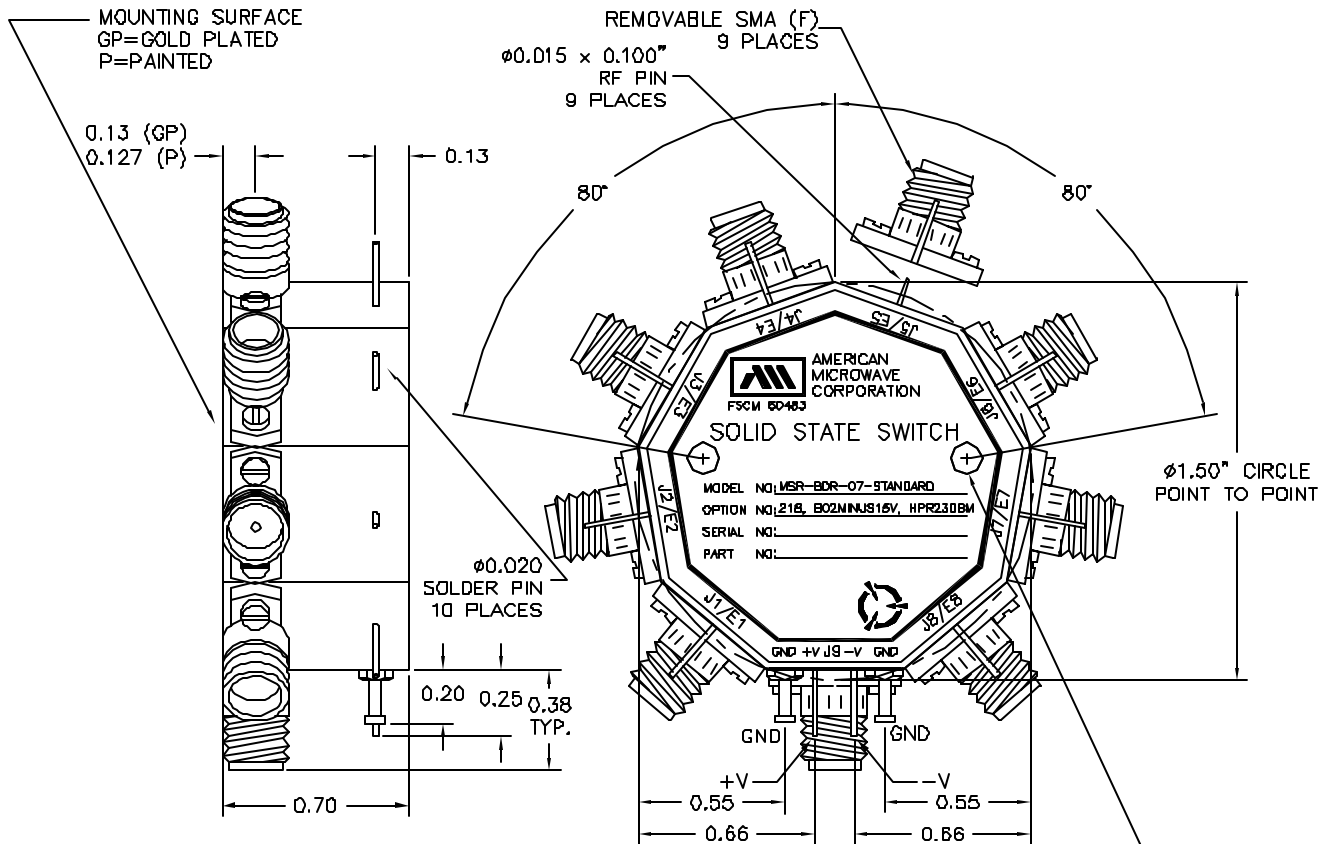


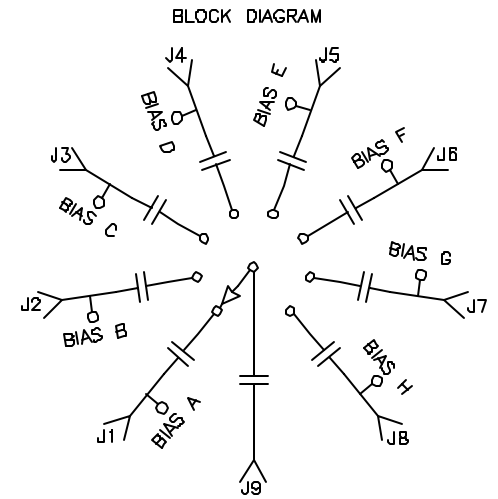
DESCRIPTION

AMC MODEL MSR-8DR-07-STANDARD OPTION: 218, B02MINUS15V, HPR23DBM IS A REFLECTIVE SINGLE POLE EIGHT THROW SWITCH DESIGNED TO OPERATE OVER THE FULL 2 TO 18 GHz FREQUENCY RANGE.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-		ORIGINAL RELEASE JOB# 504127N	6/10/06	



MECHANICAL OUTLINE



Ø0.089 THRU W/4-40 THD
0.250 DEEP ON MOUNTING SURFACE
LOCATED ON Ø1.00" CIRCLE
2 PLACES

AMERICAN MICROWAVE CORPORATION

7311-G GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-4700 FAX: 301-662-4938
WEBSITE: www.americanmicrowavecorp.com
E-MAIL: sales@americanmicrowavecorp.com
ISO 9001:2000 CERTIFIED



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

APPROVALS		DATE	TITLE		
DRAWN	<i>FDS</i>	6/10/06	MECHANICAL OUTLINE MSR-8DR-07-STANDARD OPTION: 218, B02MINUS15V, HPR23DBM 2-18 GHz, SINGLE POLE EIGHT THROW SWITCH		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	60483	100-7457
			SCALE	N:S	SHEET 2 OF 3

DESCRIPTION

AMC MODEL MSR-8DR-07-STANDARD OPTION: 218, B02MINUS15V, HPR23DBM IS A REFLECTIVE SINGLE POLE EIGHT THROW SWITCH DESIGNED TO OPERATE OVER THE FULL 2 TO 18 GHz FREQUENCY RANGE.

SPECIFICATIONS

- FREQUENCY RANGE: 2 TO 18 GHz
- INSERTION LOSS: 4.0 dB MAXIMUM
- ISOLATION: 70 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: 1 WATT CW, 10 WATTS PEAK 1 uSec
- CONTROL: TTL LOGIC "0" = ON
TTL LOGIC "1" = OFF
- POWER SUPPLY: +5V @ 400 mA MAXIMUM
-15V @ 100 mA MAXIMUM
- CONNECTORS:
RF: SMA FEMALE
CONTROL: SOLDER PIN

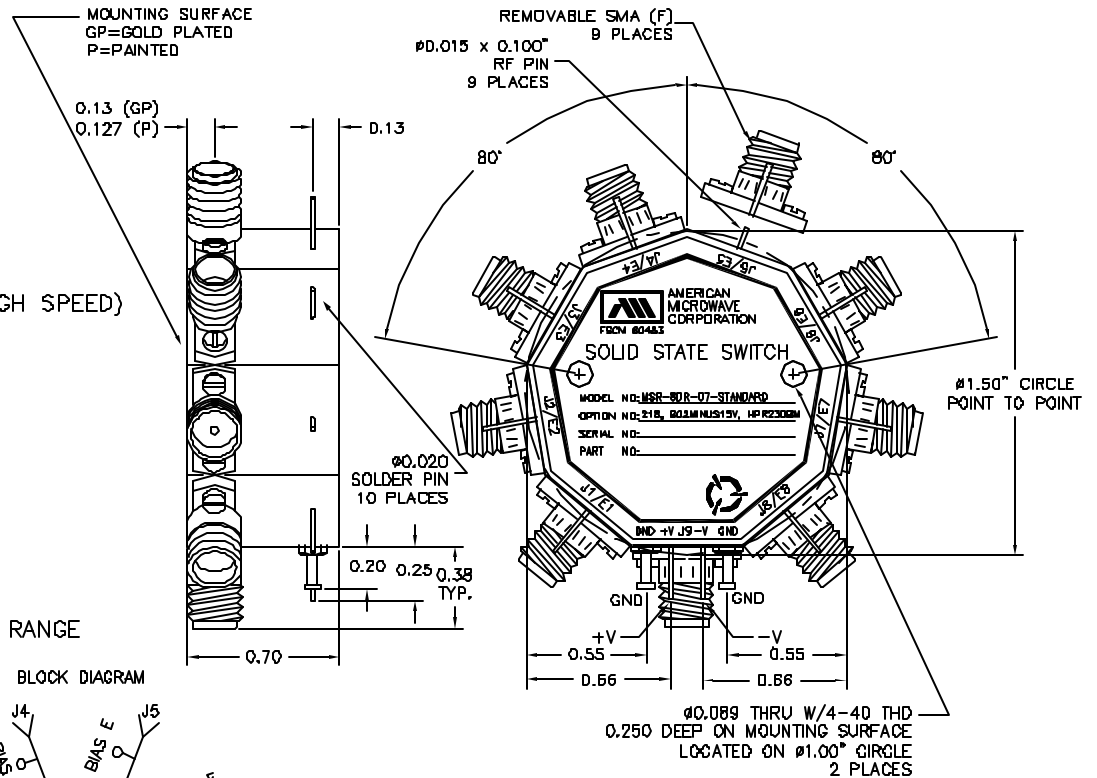
OPTIONS:

- 218: OPTIMIZED FOR 2 TO 18 GHz FREQUENCY RANGE
- B02MINUS15V: -15 VOLT POWER SUPPLY
- HPR23DBM: 23 dBm INPUT POWER

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:
XXX ±0.020
XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE JOB# 504127N	6/10/05	

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APPROVALS		DATE	TITLE		REV.
DRAWN <i>FDS</i>		6/10/05	PRODUCT FEATURE MSR-8DR-07-STANDARD OPTION: 218, B02MINUS15V, HPR23DBM 2-18 GHz, SINGLE POLE EIGHT THROW SWITCH		-
CHECKED			SIZE A	FSCH NO. 60483	DWG NO. 100-7457
ISSUED			SCALE N:S	SHEET 1 OF 3	