

DESCRIPTION

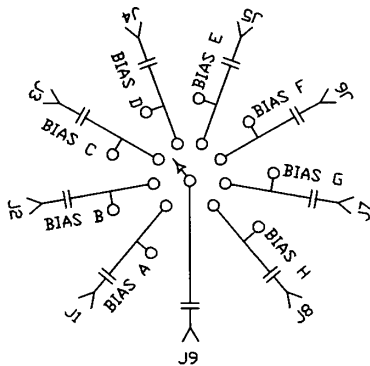
AMC MODEL NUMBER MSR-8DT-04T-STANDARD OPTIONS ME, 0518 IS A RADIAL, SINGLE POLE EIGHT THROW NON-REFLECTIVE/ABSORPTIVE SWITCH MODULE WITH LOW LOSS, HIGH SPEED AND INTEGRAL TTL DRIVER, DESIGNED FOR BROAD BAND OPERATIONS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-		ORIGINAL RELEASE, JOB# 910190E	11/06/03	

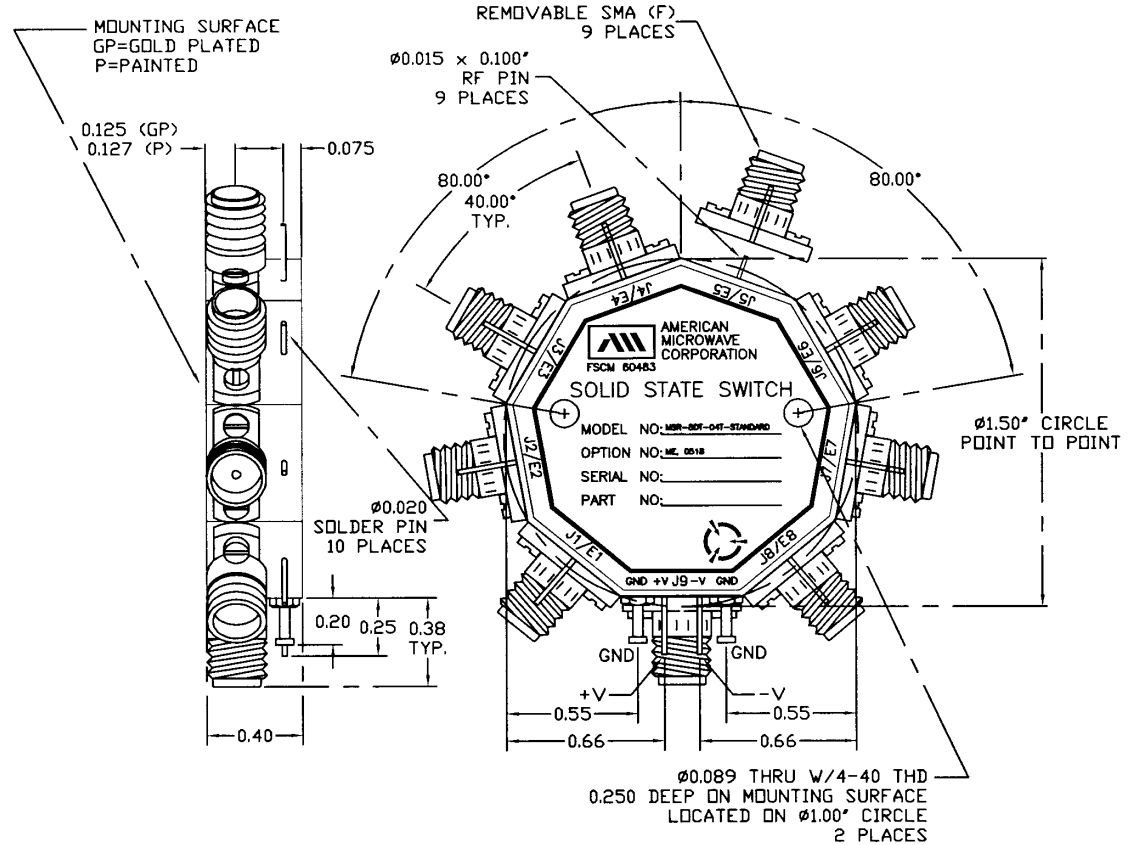
SPECIFICATIONS:

- FREQUENCY: 0.5 GHz TO 18 GHz
- INSERTION LOSS: 4.5 dB MAXIMUM
- ISOLATION: 70 dB MINIMUM
- VSWR: ABSORPTIVE IN/OUT: 2.0:1
 ABSORPTIVE OUT/OFF: 2.0:1
- SPEED: RISE: 15 ns MAXIMUM
 FALL: 15 ns MAXIMUM
 DELAY ON: 500 ns MAXIMUM
 DELAY OFF: 500 ns MAXIMUM
- POWER INPUT: +17 dBm CW MAXIMUM @ 0.5 GHz TO 18 GHz
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: +5V @ 400 mA MAXIMUM
 -5V @ 100 mA MAXIMUM
- SIZE Ø1.500 CIRCLE POINT TO POINT X 0.400 (H)
- WEIGHT 2.5 OUNCES TYPICAL

BLOCK DIAGRAM



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

ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:

- X.XX ±0.020
- X.XXX ±0.010

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN <i>WJL</i>	11/06/03	PRODUCT FEATURE MSR-8DT-04T-STANDARD OPTIONS ME, 0518 SOLID STATE SWITCH		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	60483	100-6836
		SCALE	N/S	SHEET 1 of 3
				REV. -