

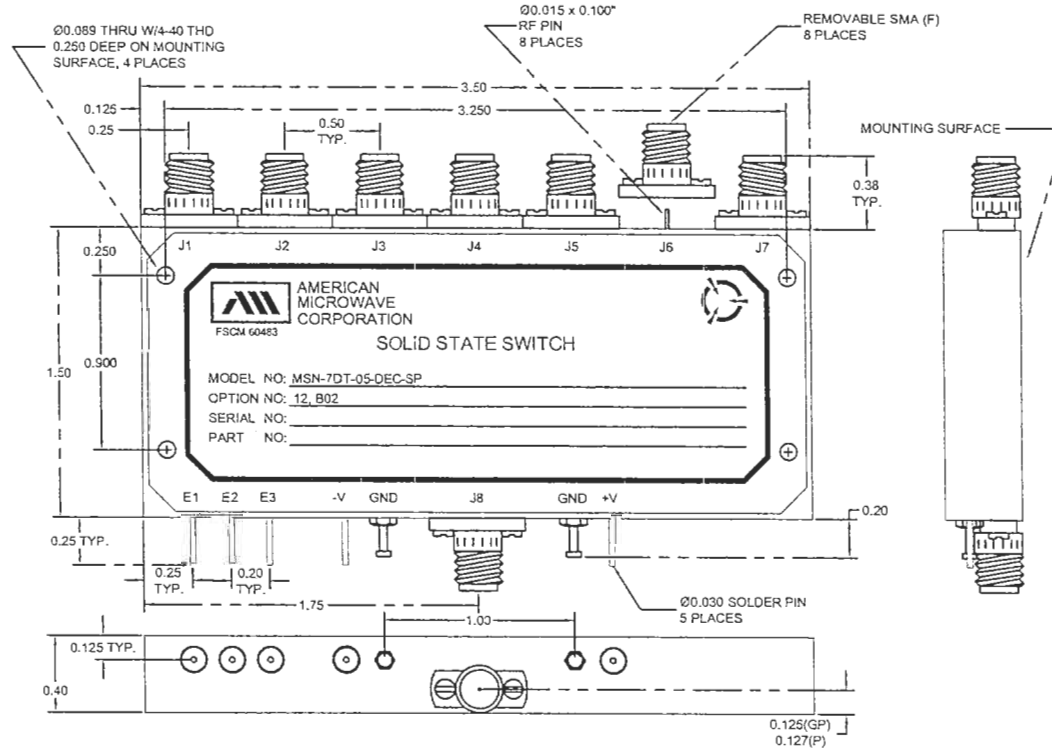
DESCRIPTION:

AMC MODEL MSN-7DT-05-DEC-SP OPTION 12, B02 IS A SINGLE POLE SEVEN THROW ABSORPTIVE SWITCH MODULE OPTIMIZED FOR THE 1 TO 2 GHz BANDWIDTH, WITH LOW INSERTION LOSS, HIGH ISOLATION AND OPERATING WITH +5V, -15V

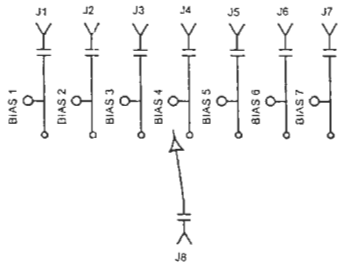
SPECIFICATIONS:

- FREQUENCY: 1 GHz TO 2 GHz
- INSERTION LOSS: 1.6 dB MAXIMUM
- ISOLATION: 70 dB MINIMUM
- VSWR: IN/OUT: 1.5:1
OUT/OFF: 1.5:1
- SPEED: RISE: 10ns TYPICAL, 15ns MAX.
FALL: 10ns TYPICAL, 15ns MAX.
DELAY ON: 75ns TYPICAL, 100ns MAX.
DELAY OFF: 75ns TYPICAL, 100ns MAX.
- POWER INPUT: +10 dBm
- CONTROL: 3-BIT DECODER
- POWER SUPPLY: +5V @ 350 mA MAXIMUM
-15V @ 100 mA MAXIMUM

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	ORIGINAL JOB# 104064	04/23/04	



BLOCK DIAGRAM



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:

X.XX ±0.020
X.XXX ±0.010

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>WJL</i>	04/23/04	PRODUCT FEATURE MSN-7DT-05-DEC-SP OPTION: 12, B02	
REDRAWN <i>JDJ</i>	8/26/04	1 TO 2 GHz, SINGLE POLE SEVEN THROW SWITCH	
ISSUED <i>PA</i>	7/13/04	SIZE A	FSCM NO. 60483
		DWG NO. 100-6081	REV. -
SCALE N/S		SHEET 1 of 3	