

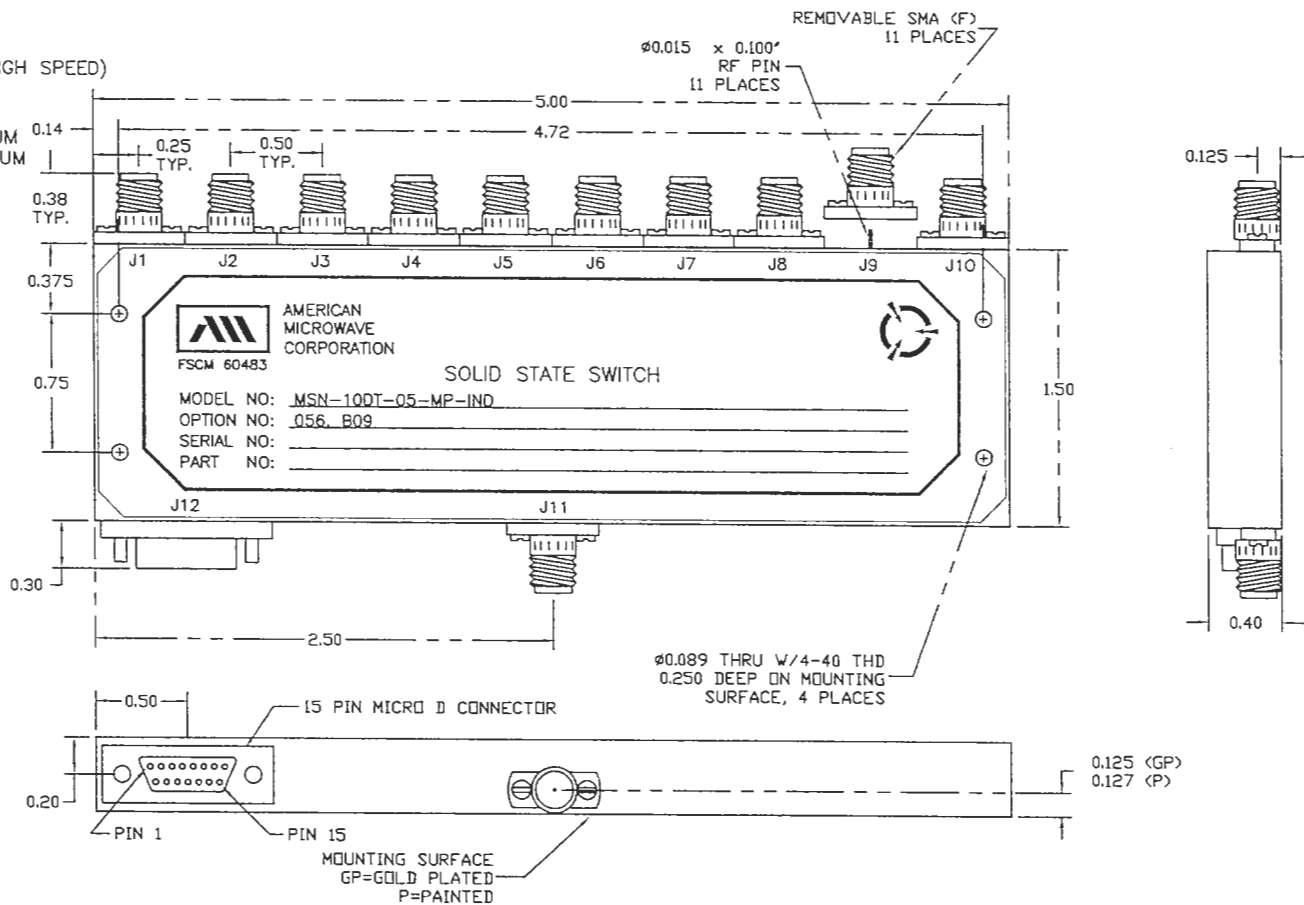
DESCRIPTION:

AMC MODEL MSN-10DT-05-MP-IND OPTION: 056, B09 IS A SINGLE POLE TEN THROW, ABSORPTIVE/NON-REFLECTIVE SWITCH MODULE WITH LOW INSERTION LOSS, HIGH ISOLATION AND INTEGRAL TTL DRIVER, DESIGNED FOR 500 MHz TO 6 GHz FREQUENCY RANGE.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	ORIGINAL RELEASE JOB# 403037N-1	4/14/04	

SPECIFICATIONS:

- FREQUENCY: 0.5 GHz TO 6 GHz
- INSERTION LOSS: 4.0 dB
- ISOLATION: 70 dB
- VSWR: IN/OUT: 2.0:1
OUT/OFF: 2.0:1
- POWER INPUT: (CW)+20dBm (STANDARD), +10 dBm (HIGH SPEED)
- SPEED: RISE: 10ns TYPICAL, 15ns MAXIMUM
FALL: 10ns TYPICAL, 15ns MAXIMUM
DELAY ON: 75ns TYPICAL, 100ns MAXIMUM
DELAY OFF: 75ns TYPICAL, 100ns MAXIMUM
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 μsec
- CONTROL: SEE LOGIC TABLE BELOW
- POWER SUPPLY: +5V @ 500 mA MAXIMUM
-5V @ 100 mA MAXIMUM
- SIZE: 5.00" x 1.50" x 0.40"
- WEIGHT: 5.50 OUNCES



PIN OUT TABLE	
MP-IND	
PIN NO.	FUNCTION
1	E1
2	E2
3	E3
4	E4
5	E5
6	E6
7	E7
8	E8
9	E9
10	E10
11	N/C
12	GND
13	+V
14	-V
15	GND

N/C = NOT CONNECTED

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: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN JDD	4/14/04	PRODUCT FEATURE MSN-10DT-05-MP-IND OPTION: 056, B09	
REDRAWN JDD	8/10/04	0.5 TO 6 GHz ABSORPTIVE, SINGLE POLE TEN THROW SWITCH	
ISSUED MA	9/13/04	SIZE	REV.
		A 60483	-
		DWG NO.	
		100-6960	
		SCALE	SHEET 1 OF 3