

DESCRIPTION

THE AMC MODEL NUMBER MSN-8DT-05-DEC-MP OPTIONS: 40M6, VSWR104, RF25NS, TON, IS A TERMINATED SP8T SWITCH WITH A FREQUENCY RANGE OF 40 MHz TO 6 GHz. THIS MODEL IS ALSO EQUIPPED WITH A DECODER AND MULTIPIN CONNECTOR.

SPECIFICATIONS:

- FREQUENCY: 40 MHz TO 6 GHz
- INSERTION LOSS: 4.5 dB MAXIMUM
- ISOLATION: 60 dB MINIMUM
- VSWR: 1.4:1
- SPEED: RISE: 25ns MAX.
FALL: 25ns MAX.
DELAY ON: 120ns MAX.
DELAY OFF: 120ns MAX.
- POWER INPUT: (CW)+20dBm (STANDARD), +10 dBm (HIGH SPEED)
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL: 3 BIT DECODER WITH MULTIPIN
- POWER SUPPLY: +5V @ 400 mA MAX.
-5V @ 100mA MAX.(ABSORPTIVE/NON-REFLECTIVE)

OPTIONS:

- 40M6 40 MHz TO 6 GHz
- VSWR104 VSWR 1.4:1
- RF25NS RISE/FALL TIME 25NS
- TON TURN ON/OFF 120NS

ENVIRONMENTAL RATINGS:

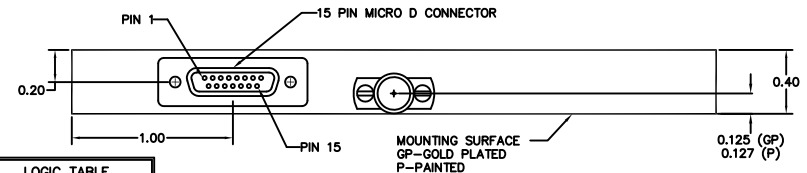
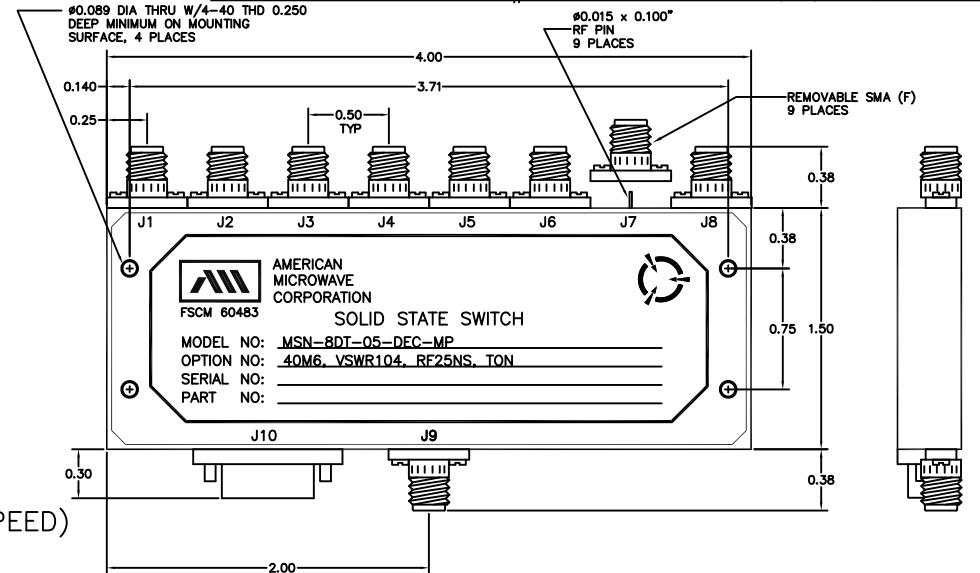
- TEMPERATURE: -40°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

* Units are designed to meet Environmental ratings but not tested. If Environmental Testing is required, please contact Sales Department.

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE JOB# 611211	12/04/06	
	A	SEE ECR# 08-062	9/8/08	
	B	SEE ECN# 11-080	8/25/11	RA



PIN OUT TABLE	
3 BIT DECODER	
PIN NO.	FUNCTION
1	E1
2	E2
3	E3
4	N/C
5	N/C
6	N/C
7	N/C
8	N/C
9	N/C
10	N/C
11	N/C
12	GND
13	+V
14	-V
15	GND

LOGIC TABLE			
INPUTS			PORT ON
E1	E2	E3	
L	L	L	J1
H	L	L	J2
L	H	L	J3
H	H	L	J4
L	L	H	J5
H	L	H	J6
L	H	H	J7
H	H	H	J8

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APPROVALS		DATE	TITLE			
DRAWN <i>PRB</i>		12/04/06	PRODUCT FEATURE MSN-8DT-05-DEC-MP OPTION: 40M6, VSWR104, RF25NS, TON 40MHz - 6 GHz TERMINATED SP8T SWITCH			
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	60483	100-7213-001	B
SCALE N:S					SHEET 1 OF 1	