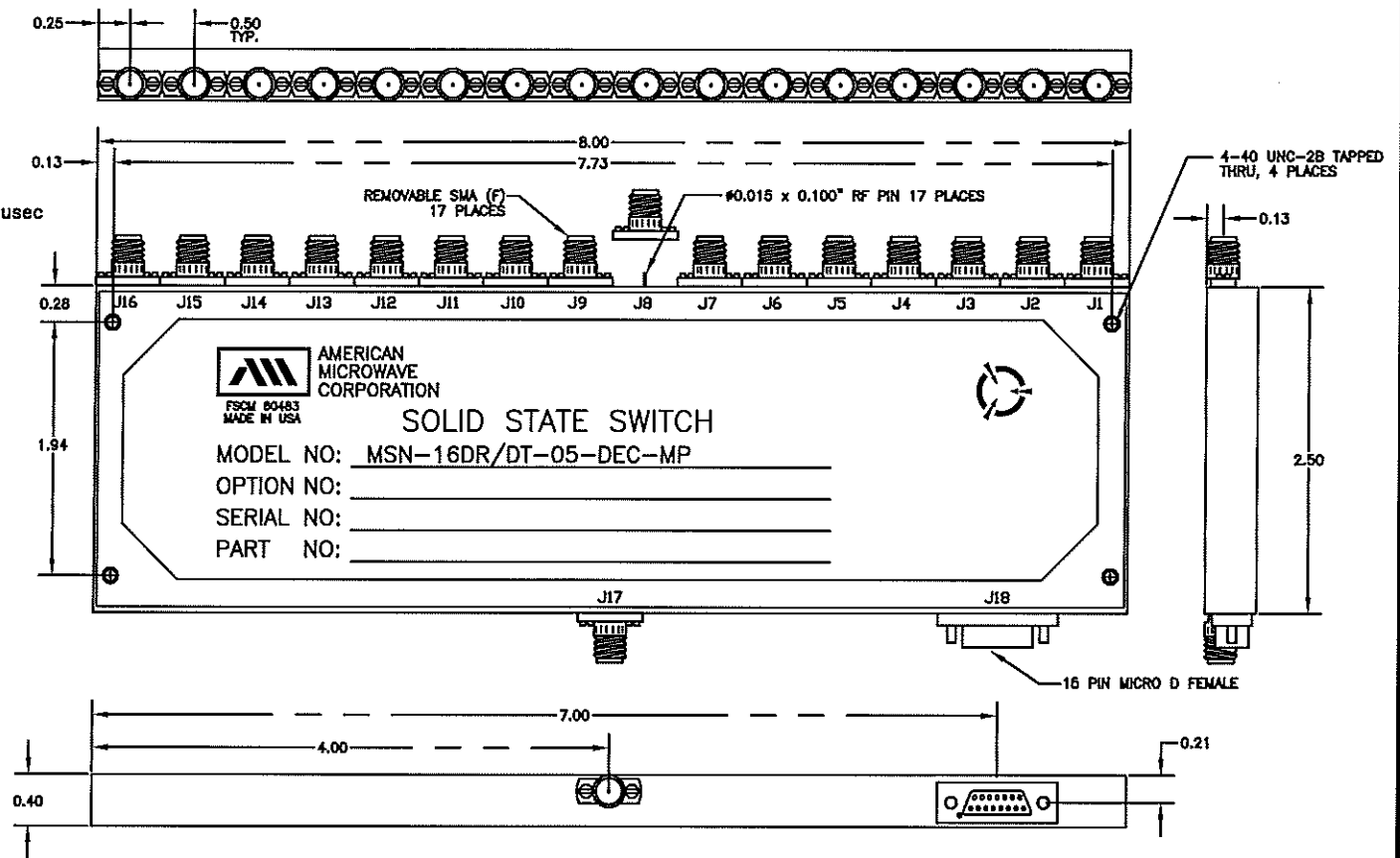


SPECIFICATIONS:

- FREQUENCY: 0.5 GHz TO 18 GHz
- INSERTION LOSS: REFLECTIVE: 6.5db MAX.
ABSORPTIVE: 7db MAX.
- ISOLATION: 0.5 GHz TO 18 GHz: 60db
- VSWR: REFLECTIVE IN/OUT: 2.0:1
ABSORPTIVE IN/OUT: 2.0:1
ABSORPTIVE OUT/OFF: 2.0:1
- SPEED: RISE: 75ns MAX.
FALL: 75ns MAX.
DELAY ON: 200ns MAX.
DELAY OFF: 200ns MAX.
- POWER INPUT: (CW)+20dBm
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL: SEE LOGIC TABLE
- POWER SUPPLY: +5V @ 750 mA MAX.
-5V @ 200mA MAX.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	SEE ER# 009-10	2/12/10	RA



STANDARD PIN NUMBERING	
PIN	FUNCTION
1	B0
2	B1
3	B2
4	B3
5	LOW ENABLE (OPTIONAL)
6	HIGH ENABLE (OPTIONAL)
7	RESERVED
8	TEMPERATURE SENSE V (OPTIONAL)
9	POWER DOWN (OPTIONAL)
10	-VS
11	+VS
12	GND
13	-VS
14	+VS
15	GND

LOGIC TABLE				
B0	B1	B2	B3	THRU PATH
0	0	0	0	J17 TO J1
0	0	0	1	J17 TO J2
0	0	1	0	J17 TO J3
0	0	1	1	J17 TO J4
0	1	0	0	J17 TO J5
0	1	0	1	J17 TO J6
0	1	1	0	J17 TO J7
0	1	1	1	J17 TO J8
1	0	0	0	J17 TO J9
1	0	0	1	J17 TO J10
1	0	1	0	J17 TO J11
1	0	1	1	J17 TO J12
1	1	0	0	J17 TO J13
1	1	0	1	J17 TO J14
1	1	1	0	J17 TO J15
1	1	1	1	J17 TO J16

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

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

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.

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
<i>K PPM</i>	2/12/10	OUTLINE DRAWING MSN-16DR/DT-05-DEC-MP	
ENG.	2/12/10	SIZE	FSCM NO.
<i>RA</i>		A	60483
QAE	2/12/10	DWG NO.	REV.
<i>K PPM</i>		100-7920	A
SCALE N/S		SHEET 1 of 1	