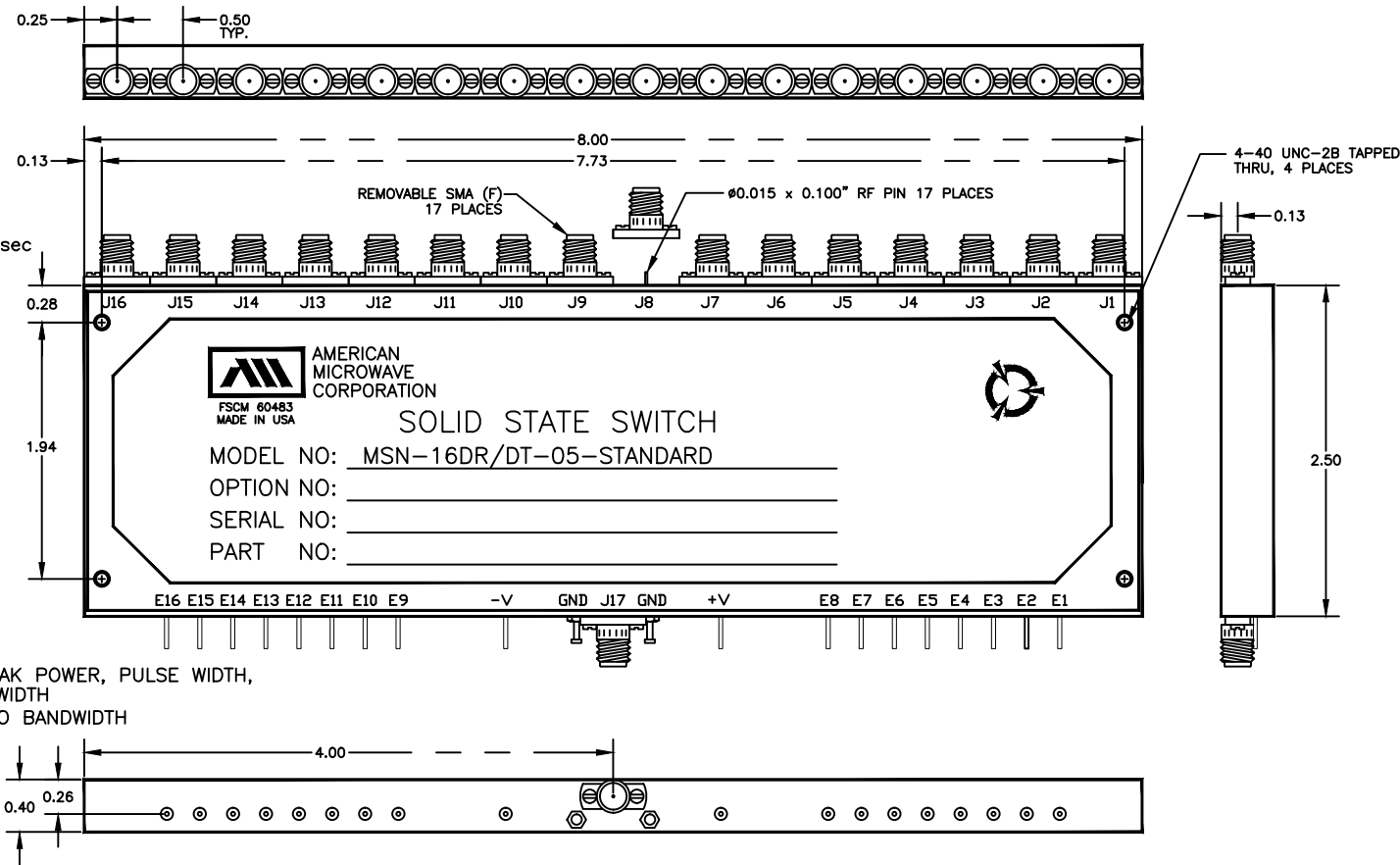


ZONE		REV.	DESCRIPTION	DATE	APPROVED
		A	SEE ER# 016-10	2/26/10	RA

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: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: +5V @ 750 mA MAX.
-5V @ 200mA MAX.



OPTIONS:

- DEC-MP: 4 BIT DECODER WITH MULTIPIN
- DEC-SP: 4 BIT DECODER WITH SOLDER PIN
- MP-IND: INDEPENDENT CONTROL WITH MULTIPIN
- B01: -12V POWER SUPPLIES
- B02: -15V POWER SUPPLIES
- B03: REVERSE LOGIC "1"=ON "0"=OFF
- B06: HIGH POWER - SPECIFY CW POWER, PEAK POWER, PULSE WIDTH,
DUTY CYCLE, RF FREQUENCY AND BANDWIDTH
- B08: LOW VIDEO TRANSIENTS - SPECIFY VIDEO BANDWIDTH
- B10: HIGHER ISOLATION VERSION (SPECIFY)

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: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
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	
DRAWN <i>K JPMMS</i>	2/26/10	OUTLINE DRAWING MSN-16DR/DT-05-STANDARD	
ENG. <i>RA</i>	2/26/10	SIZE	REV.
QAE <i>K JPMMS</i>	2/26/10	A	A
SCALE N/S		FSCM NO. 60483	DWG NO. 100-7934
SHEET 1 of 1			