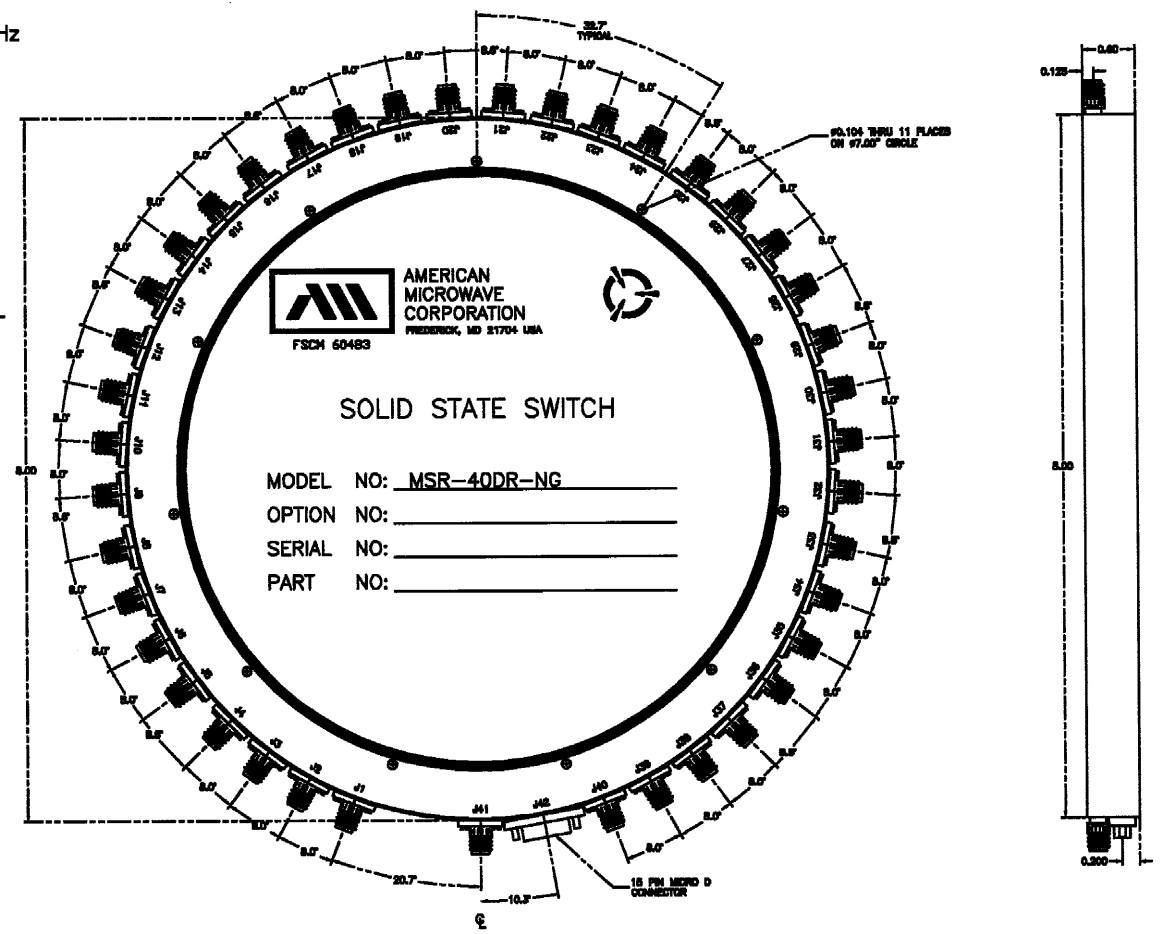


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
		ORIGINAL RELEASE	9/10/99	

**SPECIFICATIONS:**

- FREQUENCY:..... 2.8 GHz TO 3.1 GHz
- INSERTION LOSS:..... 9.5 dB ±0.25dB FROM THE INPUT PORT TO ANY OF THE 40 OUTPUT PORTS OVER THE FREQUENCY RANGE OF 2.8 GHz TO 3.1 GHz
- ISOLATION:..... 50 dB MINIMUM
- VSWR:..... 2.0:1 MAXIMUM
- SWITCHING SPEED:..... 1 uS MAXIMUM
- POWER SUPPLY:..... +5V @ 2 AMP MAXIMUM  
-5V @ 150 mA MAXIMUM
- CONTROL:..... TTL LOGIC CONTROL OVER AN RS422 LINE
- INPUT TERMINATION:..... WHEN THE SWITCH IS OFF, THE INPUT PORT SHALL BE TERMINATED WITH A 50-OHM MATCHED LOAD, AND THE OUTPUT PORTS SHALL BE LEFT OPEN. A LOGIC CODE WILL BE SUPPLIED FOR SWITCHING.
- AVERAGE POWER:..... 1.0 WATT
- PEAK POWER:..... 5 WATTS
- CONNECTORS:..... RF INPUT/OUTPUT..... REMOVABLE SMA FEMALE  
CONTROL..... 15 PIN MICRO D CONNECTOR
- SIZE:..... Ø8.0" x 0.6 THICK
- WEIGHT:..... TO BE DETERMINED




**ENVIRONMENTAL RATINGS:**

- TEMPERATURE:..... -51°C TO +68°C (OPERATING)  
-57°C TO +68°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

PART NO.		 <b>AMERICAN MICROWAVE CORPORATION</b> FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>WSP</i>	9/10/99	DATA SHEET MSR-40DR-NG SOLID STATE SWITCH	
CHECKED		SIZE	FSCM NO.
ISSUED		A	60483
		DWG NO.	100-4760-1
		SCALE	SHEET 1 of 1