

DESCRIPTION:

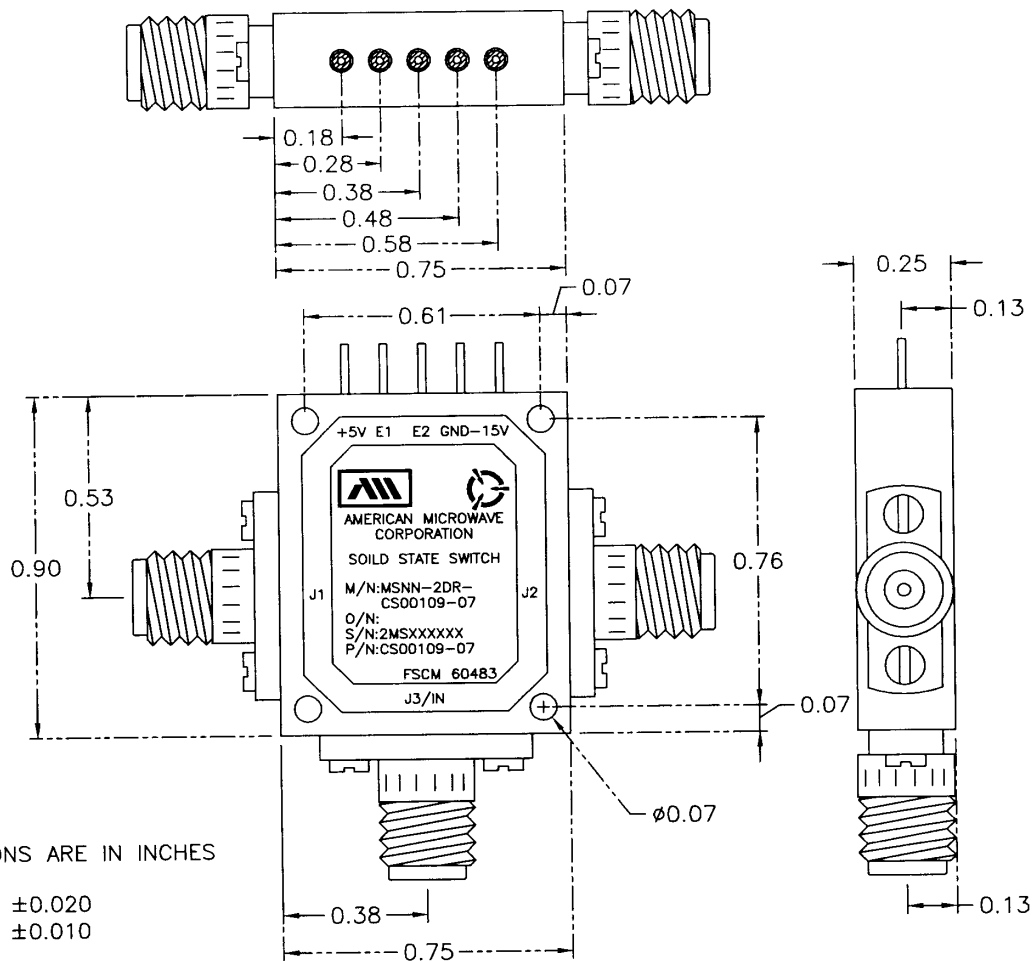
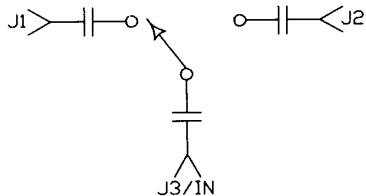
AMC MODEL MSNN-2DR-CS00109-07 IS A REFLECTIVE SP2T SWITCH WITH SLIM LINE DESIGN AND INTEGRAL TTL DRIVER THAT WORKS FROM 0.1 TO 20.0 GHz.

SPECIFICATIONS:

- FREQUENCY:
 - J3 - J1: 0.1 TO 8.0 GHz
 - J3 - J2: 8.0 TO 20.0 GHz
- INSERTION LOSS: 3.0 dB MAXIMUM
- ISOLATION: 60 dB MINIMUM
- VSWR: 2.2:1
- RF POWER: +27 dBm CW MAXIMUM
- SWITCHING TIME: 100 nS MAXIMUM
- POWER SUPPLY: +5V @ 50mA MAXIMUM
 -15V @ 30mA MAXIMUM
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- SIZE: 0.90" (L) x 0.75" (W) x 0.25" (H)

M/N = MODEL NUMBER
 O/N = OPTION NUMBER
 S/N = SERIAL NUMBER
 P/N = PART NUMBER

BLOCK DIAGRAM



ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:

X.XX ±0.020
 X.XXX ±0.010

ENVIRONMENTAL RATINGS

- OPERATING TEMPERATURE -65°C TO 110°C
- NON-OPERATING TEMPERATURE -65°C TO 125°C
- 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

REVISIONS			DATE	APPROVED
ZONE	REV.	DESCRIPTION		
-		ORIGINAL RELEASE JOB# 303048E	4/9/02	

CONFIDENTIAL AND PROPRIETARY

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN	4/9/02	PRODUCT FEATURE		
CHECKED		MSNN-2DR-CS00109-07		
ISSUED		WIDE BAND 2-WAY SWITCH		
SIZE	FSCM NO.	DWG NO.	REV.	
A	60483	100-6575	-	
SCALE N:S		SHEET		1 of 3