

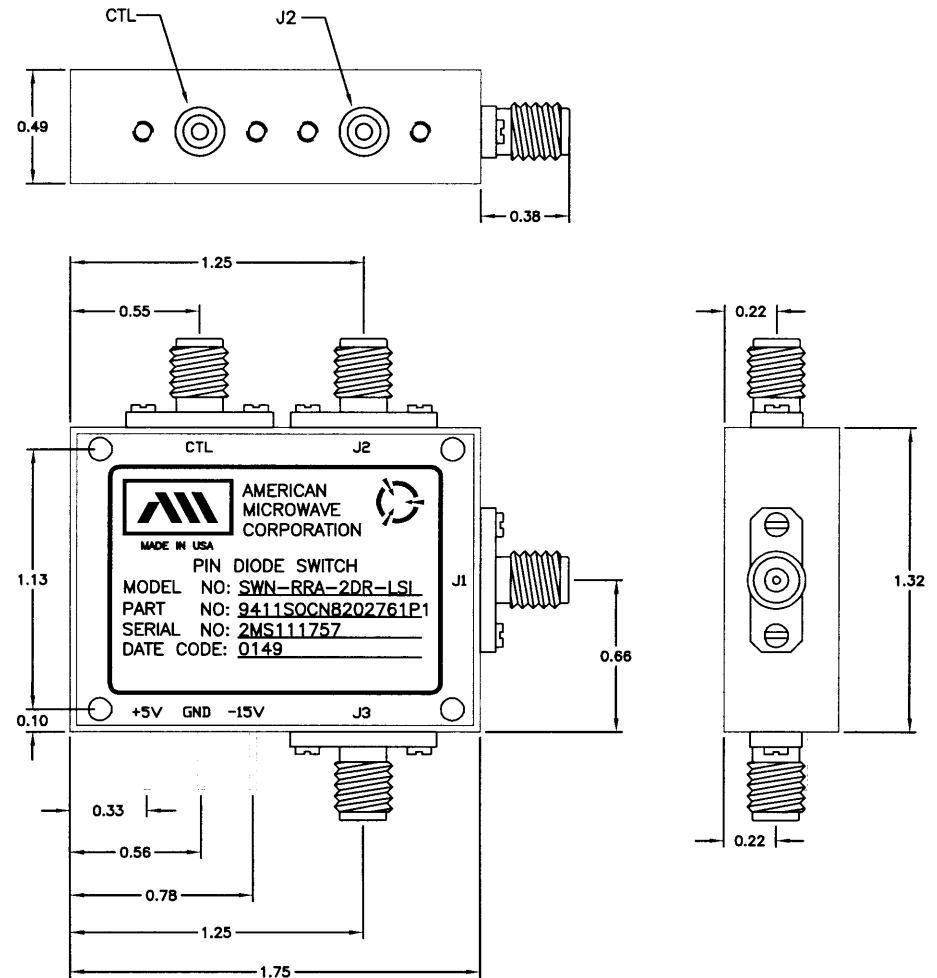
PRODUCT DESCRIPTION:

AMC MODEL NUMBER SWN-RRA-2DR-LSI IS A SINGLE POLE DOUBLE THROW REFLECTIVE PIN DIODE SWITCH MODULE DESIGNED WITH LOW LOSS, HIGH ISOLATION AND OPERATES IN THE 8-18 GHz FREQUENCY RANGE. UNIT IS TO BE HERMETICALLY SEALED

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	12/5/09	

SPECIFICATIONS:

- FREQUENCY: 8.0-18.0 GHz
- INSERTION LOSS: 3.0 dB MAXIMUM
- ISOLATION: 60 dB MINIMUM
- VSWR: 2.0:1
- SPEED: RISE TIME: 10 nsec MAXIMUM
FALL TIME: 15 nsec MAXIMUM
- POWER INPUT: (CW)+27dBm (STANDARD)
- CONTROL: TTL LOGIC "0"= J1-J3 ON "1"= J1-J2 ON
- POWER SUPPLY: +5V @ 250 mA MAXIMUM
-15V @ 100 mA MAXIMUM
- CONNECTORS:
RF SMA FEMALE
CONTROL SMA FEMALE
- SIZE: 1.75" (L) x 1.32" (W) x 0.49" (H)
- WEIGHT: 4.0 oz. MAXIMUM



ENVIRONMENTAL RATINGS:

- TEMPERATURE: -40°C TO +85°C (OPERATING)
-65°C TO +100°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B, CONDITION B
- SHOCK: MIL-STD-202F, METHOD 213B, CONDITION B
- VIBRATION: MIL-STD-202F, METHOD 204D, CONDITION B
- ALTITUDE: MIL-STD-202F, METHOD 105C, CONDITION B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D, CONDITION A

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OF REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

CONFIDENTIAL AND PROPRIETARY

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN <i>EJC</i>	12/5/09	PRODUCT FEATURE SWN-RRA-2DR-LSI OPTION LSI		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	60483	100-6863
		SCALE	SHEET	
		N/A	1 OF 2	