

DESCRIPTION:

THE MSNN-4DT-04T WITH OPTIONS 911, HERM, IS A HERMETICALLY SEALED UNIT OPTIMIZED FOR THE 9 TO 11 GHz FREQUENCY RANGE.

SPECIFICATIONS:

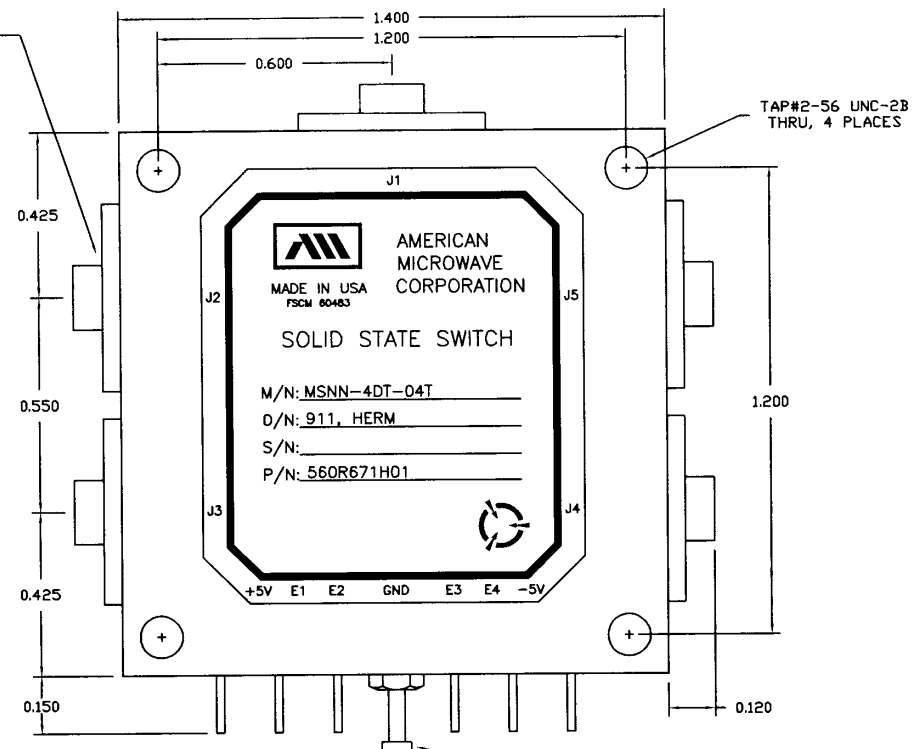
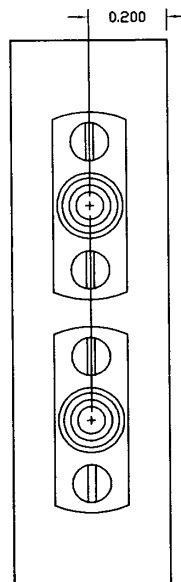
- FREQUENCY: 9.0 GHz TO 11 GHz
- INSERTION LOSS: 2.5 dB MAXIMUM
- ISOLATION: 60 dB MINIMUM
- VSWR: 1.8:1 MAXIMUM
- SPEED: DELAY ON: 150ns MAXIMUM
DELAY OFF: 150ns MAXIMUM
- RF POWER: 20 dBm MINIMUM
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: +5V @ 150 mA MAXIMUM
-5V @ 100 mA MAXIMUM

ENVIRONMENTAL RATINGS:

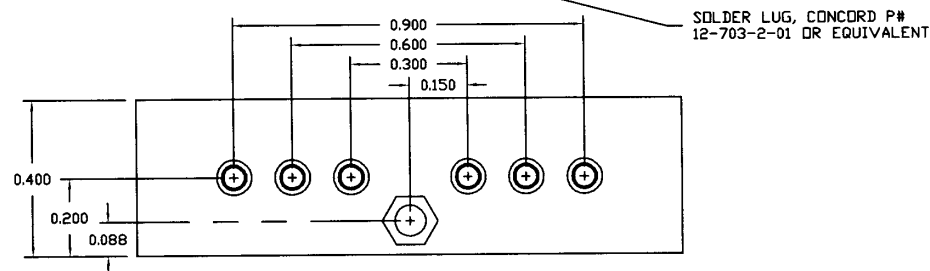
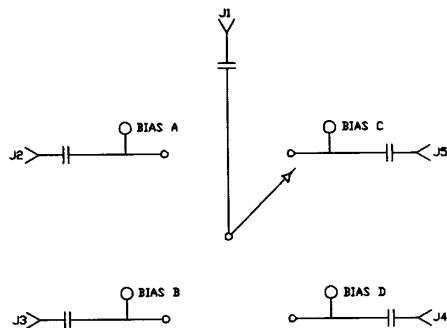
- TEMPERATURE: -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

GPD SURFACE MOUNT SHROUD
5 PLACES



BLOCK DIAGRAM



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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	ORIGINAL JOB # 004071E	5/18/00	

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN <i>S. TURNER</i>	5/18/00	PRODUCT FEATURE MSNN-4DT-04T OPTION: 911, HERM		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	60483	100-5678
		SCALE 2:1	SHEET 1 of 3	