

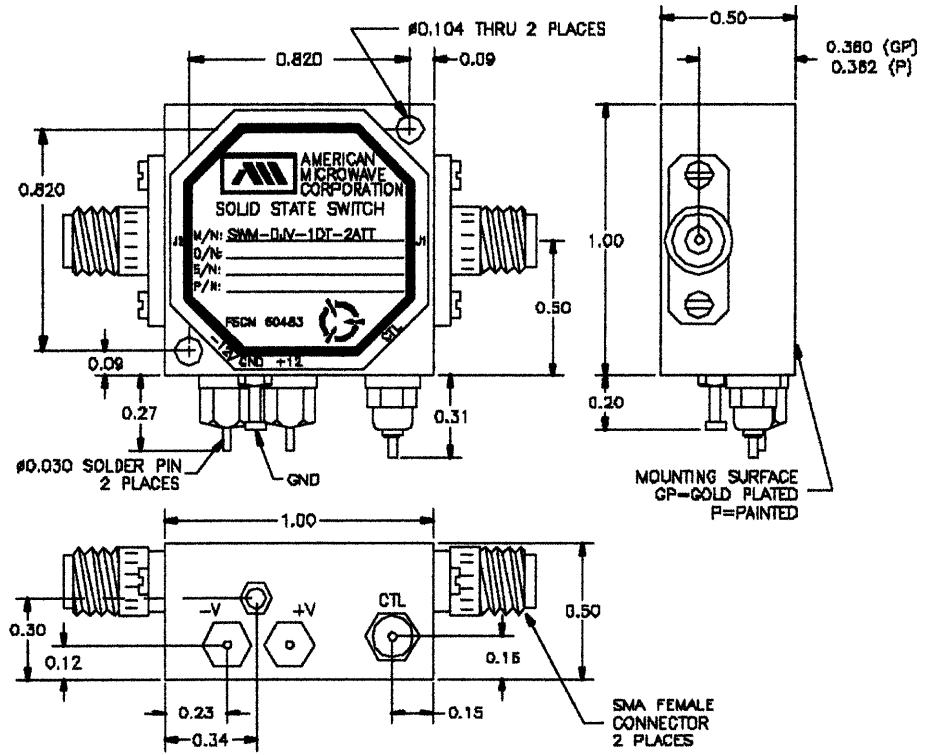
DESCRIPTION:

AMC MODEL SWM-DJV-1DT-2ATT IS A SINGLE POLE SINGLE THROW, NON-REFLECTIVE/ABSORPTIVE SWITCH MODULE WITH ULTRA HIGH SPEED, VERY HIGH ISOLATION, AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR 524 MHz OPERATION.

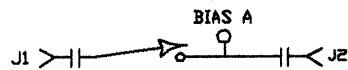
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	ORIGINAL JOB# 101016E	04/11/04	

SPECIFICATIONS:

- FREQUENCY: 524 MHz
- INSERTION LOSS: ABSORPTIVE: 3.0 dB
- ISOLATION: 100 dB
- VSWR: ABSORPTIVE IN/OUT: 2.0:1
 ABSORPTIVE OUT/OFF: 2.0:1
- SPEED: RISE: 1ns TYPICAL, 2ns MAX.
 FALL: 1ns TYPICAL, 2ns MAX.
 DELAY ON: 12ns TYPICAL, 15ns MAX.
 DELAY OFF: 12ns TYPICAL, 15ns MAX.
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: +12V @ 1 mA MAX.
 -12V @ 25 mA MAX.



BLOCK DIAGRAM



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

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

ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 X.XX ±0.020
 X.XXX ±0.010

NOTE THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

APPROVALS		DATE	AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
DRAWN <i>WJCS</i>		04/11/04	TITLE PRODUCT FEATURE SWM-DJV-1DT-2ATT OPT 524M, 100dB, INV PULSE MODULATOR	
DESIGNED			SIZE FSCN NO. A 60483	DWG NO. 100-5653-2
ISSUED			REV. -	SCALE 2/1
			SHEET 1 of 3	