

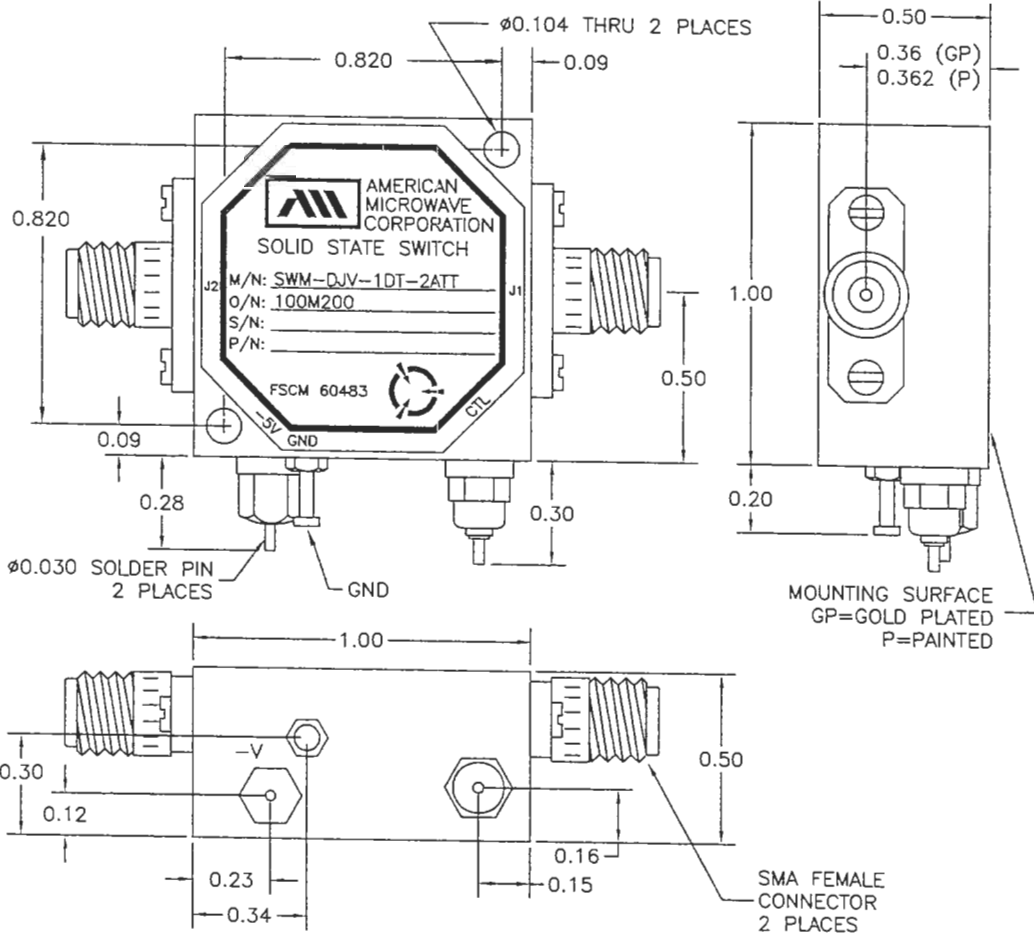
DESCRIPTION:

AMC MODEL SWM-DJV-1DT-2ATT OPT: 100M200 IS A SINGLE POLE SINGLE THROW, NON-REFLECTIVE/ABSORPTIVE SWITCH MODULE WITH VERY LOW VIDEO TRANSIENT, ULTRA HIGH SPEED, HIGH ISOLATION, AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR 100MHZ-200MHZ OPERATION.

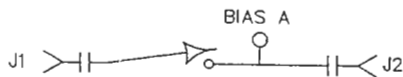
REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
		- ORIGINAL RELEASE JOB# 404063-1	4/28/04

SPECIFICATIONS:

- FREQUENCY: 100MHz TO 200MHz
- INSERTION LOSS: 2.5db TYPICAL 3.0db MAX
- ISOLATION: 60db MIN
- VSWR: IN/OUT: 2.0:1
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.
- VIDEO TRANSIENT: 100mV P-P @ 300MHZ BANDWIDTH
- POWER INPUT: (CW)+17dBm (STANDARD),
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: -5V @ 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

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
 NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

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APPROVALS		DATE	TITLE		
DRAWN	<i>FKM</i>	4/28/04	PRODUCT FEATURE SWM-DJV-1DT-2ATT OPTION: 100M200		
REDRAWN	<i>FDJ</i>	8/25/04	100 TO 200 MHZ, SINGLE POLE SINGLE THROW SWITCH	SIZE	REV.
ISSUED	<i>PA</i>	9/30/04	FSCM NO. 60483	DWG NO. 100-6967	-
SCALE N:S			SHEET 1 OF 3		