

DESCRIPTION:

AMC MODEL SWM-DJV-1DT-2ATT OPTION 40M20 IS A SINGLE POLE SINGLE THROW, NON-REFLECTIVE/ABSORPTIVE SWITCH MODULE WITH VERY LOW VOLTAGE TRANSIENT, ULTRA HIGH SPEED, HIGH ISOLATION, AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR 40 MHz TO 20 GHz OPERATION.

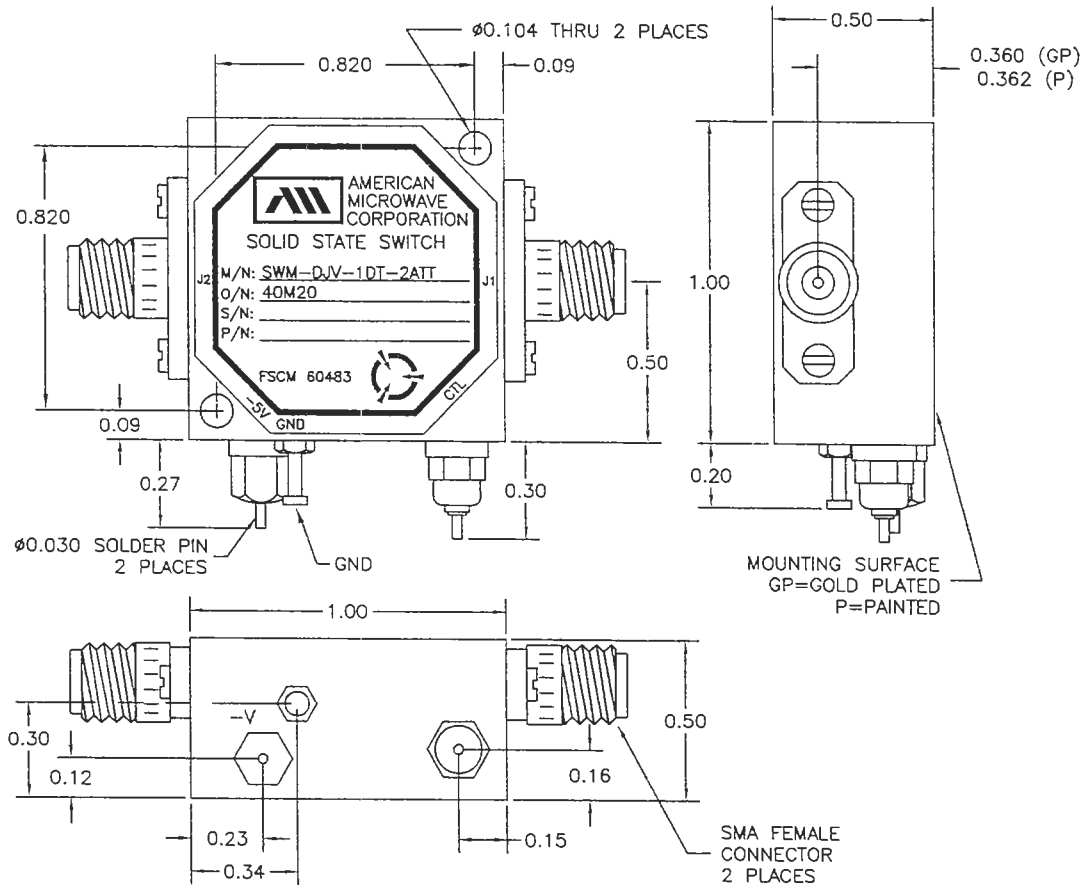
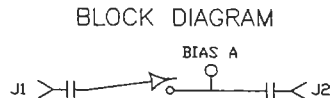
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	ORIGINAL JOB# 405096N	5/24/04	

SPECIFICATIONS:

- FREQUENCY: 40 MHz TO 20 GHz
- INSERTION LOSS: ABSORPTIVE: 4.5dB
- ISOLATION: 40 MHz TO 12 GHz: 60db
12 GHz TO 20 GHz: 70db
- 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.
- POWER INPUT: (CW)+20dBm (STANDARD),
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: -5V @ 25 mA MAX.

OPTIONS:

- 40M20 40 MHz TO 20 GHz FREQUENCY RANGE



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

NOTE:
 DR=WITH DRIVER, REFLECTIVE
 DT=WITH DRIVER, NON-REFLECTIVE/ABSORPTIVE

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

APPROVALS		DATE	AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
DRAWN		5/24/04	TITLE	
REDRAWN		8/17/04	PRODUCT FEATURE	
ISSUED			SWM-DJV-1DT-2ATT	
			OPTION 40M20	
			40 MHz TO 20 GHz SINGLE POLE SINGLE THROW SWITCH	
SIZE	FSCM NO.	DWG NO.	REV.	
A	60483	100-6999	-	
SCALE	N/S	SHEET		1 of 3