

DESCRIPTION:

AMC MODEL SWN-2184-1DR-STD OPTIONS: RAD, 1307F, HS20NS, HI60DB IS A SINGLE POLE SINGLE THROW, REFLECTIVE SWITCH MODULE WITH LOW INSERTION LOSS, HIGH ISOLATION, HIGH SPEED AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR 13 GHz TO 14 GHz OPERATION.

SPECIFICATIONS:

- FREQUENCY: 13 GHz TO 14 GHz
- INSERTION LOSS: 1.7dB MAXIMUM
- ISOLATION: 13 GHz TO 14 GHz: 60dB
- VSWR: REFLECTIVE IN/OUT: 2.0:1
- SPEED: DELAY ON: 20ns MAX.
DELAY OFF: 20ns MAX.
- POWER INPUT: (CW)+20dBm (STANDARD), +10 dBm (HIGH SPEED)
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: +5V @ 70 mA MAX.
-5V @ 50 mA MAX.(RELECTIVE)

OPTIONS:

- RAD SPECIAL HIGH SPEED DRIVER
- 1307F OPTIMIZED FOR 13 TO 14 GHz
- HS20NS HIGH SPEED 20ns
- HI60DB 60DB ISOLATION

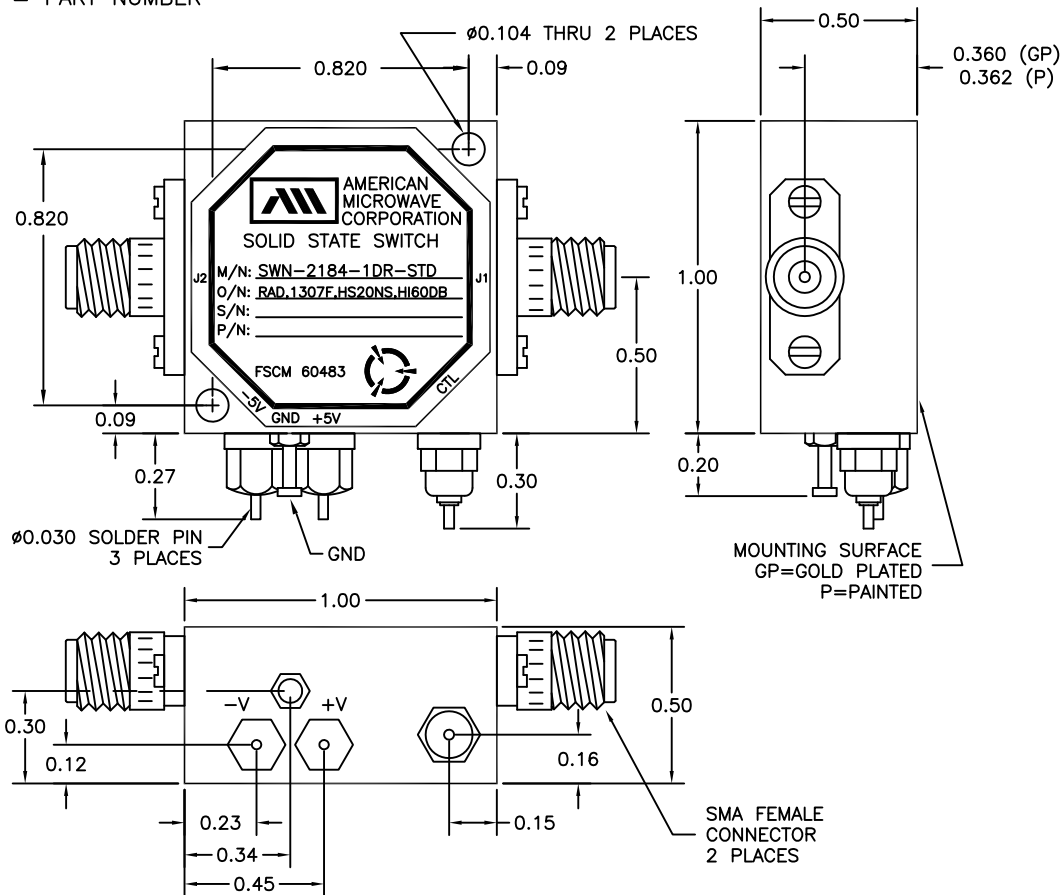
ENVIRONMENTAL RATINGS:

- 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 TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE JOB# 709181PE-3	10/23/07	

AT = WITH DRIVER, NON-REFLECTIVE/ABSORPTIVE
M/N = MANUFACTURER PART NUMBER
O/N = OPTION NUMBER
S/N = SERIAL NUMBER
P/N = PART NUMBER



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

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APPROVALS		DATE	TITLE	
DRAWN <i>PRB</i>		12/06/06	PRODUCT FEATURE SWN-2184-1DR-STD	
REDRAWN			OPT: RAD, 1307F, HS20NS, HI60DB 13 TO 14 GHz SPST SWITCH	
ISSUED			SIZE A	FSCM NO. 60483
			DWG NO. 100-5652-004	REV. -
			SCALE N:S	SHEET 1 OF 4