

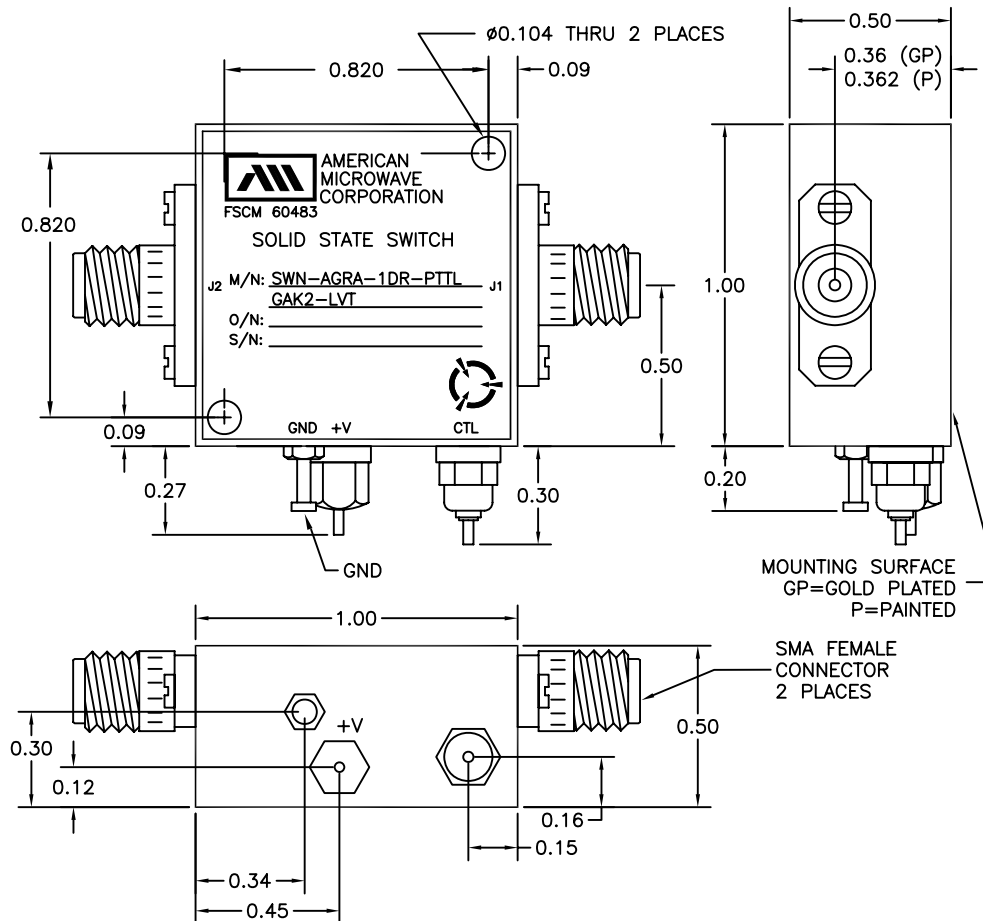
DESCRIPTION:

AMC MODEL SWN-AGRA-1DR-PTTL-GAK2-LVT IS AN ULTRA-HIGH SPEED, VERY LOW VIDEO TRANSIENT, SINGLE SUPPLY, LOW LOSS SINGLE POLE SINGLE THROW PIN DIODE SWITCH DESIGNED TO OPERATE BETWEEN 2 TO 18 GHz FREQUENCY RANGE.

SPECIFICATIONS:

- FREQUENCY: 2 TO 18 GHz
- INSERTION LOSS: 2.5 dB MAXIMUM
- ISOLATION: 80 dB MINIMUM
- VSWR: 2.0:1
- SPEED: RISE TIME: 2 nSec MAXIMUM
FALL TIME: 2 nSec MAXIMUM
DELAY ON: 20 nSec MAXIMUM
DELAY OFF: 20 nSec MAXIMUM
- POWER INPUT: +15 dBm CW MAXIMUM @ 2-18 GHz
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: +5V ± 5% @ 60 mA MAXIMUM
- VIDEO TRANSIENT: @ 20 MHz BANDWIDTH: 5 mV PEAK TO PEAK
@ 300 MHz BANDWIDTH: 175 mV PEAK TO PEAK

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE JOB# 406121-2	06/23/04	



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

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

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APPROVALS		DATE	TITLE			
DRAWN <i>JDJ</i>		6/23/04	PRODUCT FEATURE SWN-AGRA-1DR-PTTL-GAK2-LVT ULTRA-HIGH SPEED, VERY LOW VIDEO TRANSIENT LOW LOSS SPST PIN DIODE SWITCH			
REDRAWN <i>JDJ</i>		8/10/04	SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	60483	100-7023	-
SCALE N:S			SHEET 1 OF 3			