

DESCRIPTION

AMC MODEL SWN-1170-5DR-DEC OPTION: 1018 IS A SINGLE POLE FIVE THROW SWITCH DESIGNED FOR THE 10 TO 18 GHz FREQUENCY RANGE WITH AN INSERTION LOSS OF 2.8 dB MAXIMUM AND ISOLATION OF 55 dB MINIMUM.

SPECIFICATIONS

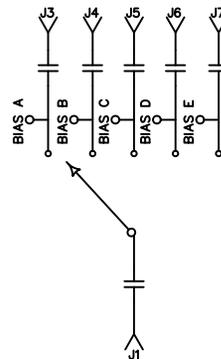
- FREQUENCY RANGE: 10 TO 18 GHz
- INSERTION LOSS: 2.8 dB MAXIMUM
- ISOLATION: 55 dB MINIMUM
- VSWR: 2.0:1
- SPEED: RISE: 20 nSec MAXIMUM
FALL: 20 nSec MAXIMUM
DELAY ON: 50 nSec MAXIMUM
DELAY OFF: 50 nSec MAXIMUM
- POWER INPUT: (CW) +20 dBm (STANDARD)
+10 dBm (HIGH SPEED)
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 uSec
- POWER SUPPLY: +5V @ 200 mA MAXIMUM
-5V @ 55 mA MAXIMUM

LOGIC TABLE			
CTL 1	CTL 2	CTL 3	PORT ON
H	L	L	J3
L	H	L	J4
H	H	L	J5
L	L	H	J6
H	L	H	J7

ENVIRONMENTAL RATINGS

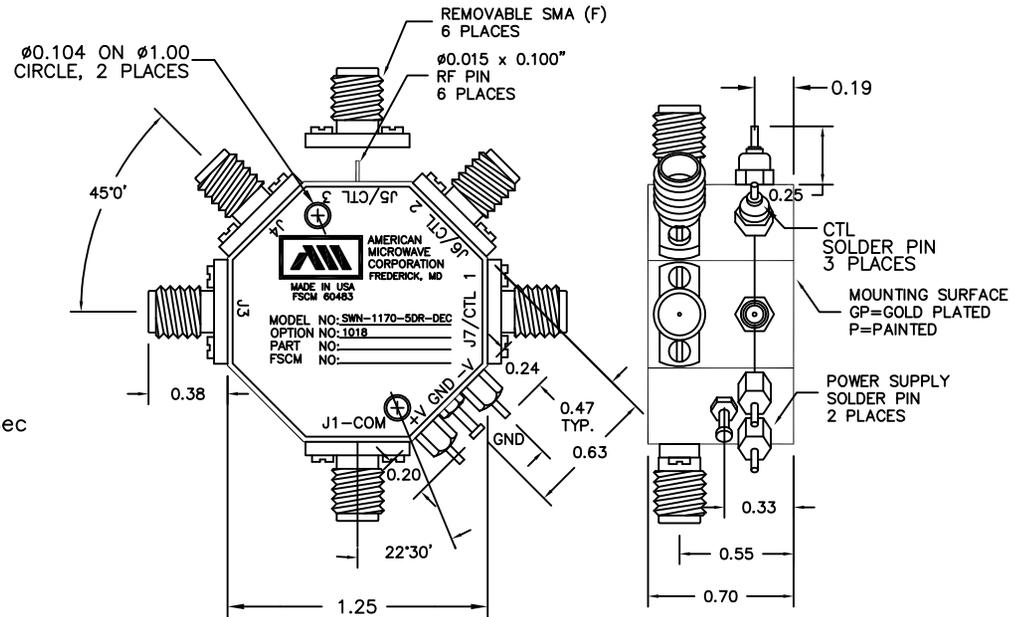
- TEMPERATURE: -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. 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 ±0.020
X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE JOB# 407162	7/26/04	



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APPROVALS		DATE	TITLE			
DRAWN <i>JDJ</i>		7/26/04	PRODUCT FEATURE SWN-1170-5DR-DEC OPTION: 1018 10 TO 18 GHz SINGLE POLE FIVE THROW SWITCH			
CHECKED			SIZE A	FSCM NO. 60483	DWG NO. 100-7054	REV. -
ISSUED			SCALE N:S	SHEET 1 OF 3		