

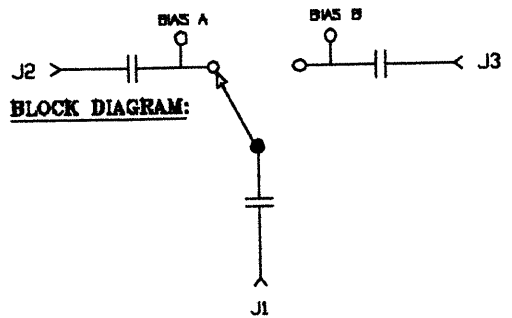
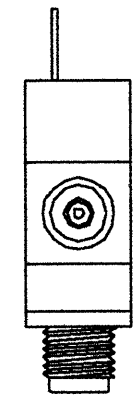
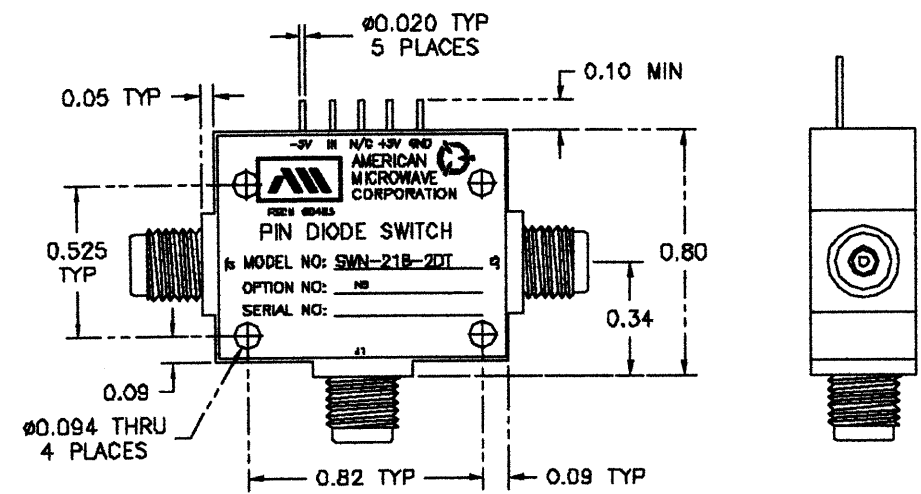
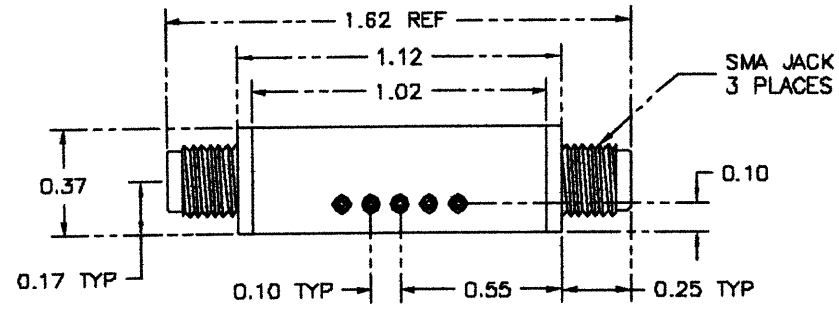
DESCRIPTION:

AMC MODEL SWN-218-2DT, OPTION: NS, IS A SINGLE POLE TWO THROW, REFLECTIVE SWITCH MODULE WITH VERY LOW INSERTION LOSS, HIGH ISOLATION AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR ULTRA LOW VIDEO TRANSIENT, HIGH POWER AND OPERATING BETWEEN 3.1 GHz TO 3.5 GHz.

REVISES			DATE	APPROVED
DATE	REV.	DESCRIPTION		
	-	ORIGINAL RELEASE JOB# 304074E-2	8/20/03	

SPECIFICATIONS:

- FREQUENCY: 3.1 - 3.5 GHz (TYP)
- INSERTION LOSS: (@3.1GHz) 1.2 ± 0.2dB
- ISOLATION: 80 dB MINIMUM
- VSWR: 1.4:1
- FLATNESS: (@3.1 to 3.5GHz) : ±0.25dB (MAX)
- AMPLITUDE VARIATION: (40MHz BW) : ±0.1dB (MAX)
- PHASE VARIATION: (40MHz BW LINEARITY) : ±1° (MAX)
- SPEED: 35±25ns
- SETTLING TIME: 200ns (MAX)
- TRANSIENTS: (2 TO 4 GHz 500 KHz PRF): -80dBm (MAX)
- POWER HANDLING: (@3.1GHz) : +28dBm (MIN) SURVIVAL
- CONNECTORS: SMA FEMALE
- POWER SUPPLY: ± 5VDC, 200mA (MAX)



CONFIDENTIAL AND PROPRIETARY

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 2138 COND. B
 - VIBRATION: MIL-STD-202F, METHOD 2040 COND. B
 - ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
 - TEMPERATURE CYCLE: MIL-STD-202F, METHOD 1070 COND. A
- NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>P.L.M.</i>	DATE 8/20/03	PRODUCT FEATURE SWN-218-2DT OPTION NS	
CHECKED		SIZE	FORM NO.
ISSUED		A	60483
		DWG NO.	100-6663
		SCALE	N:S
		SHEET	1 of 3