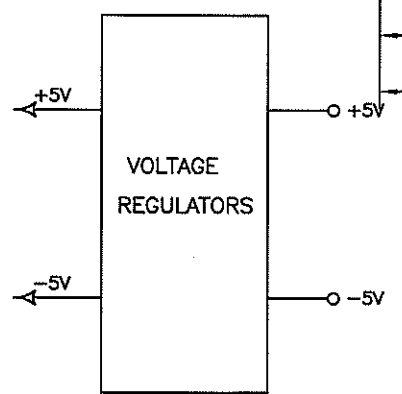
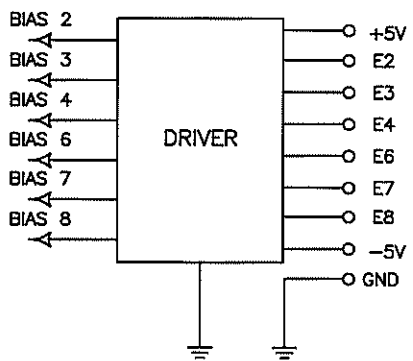
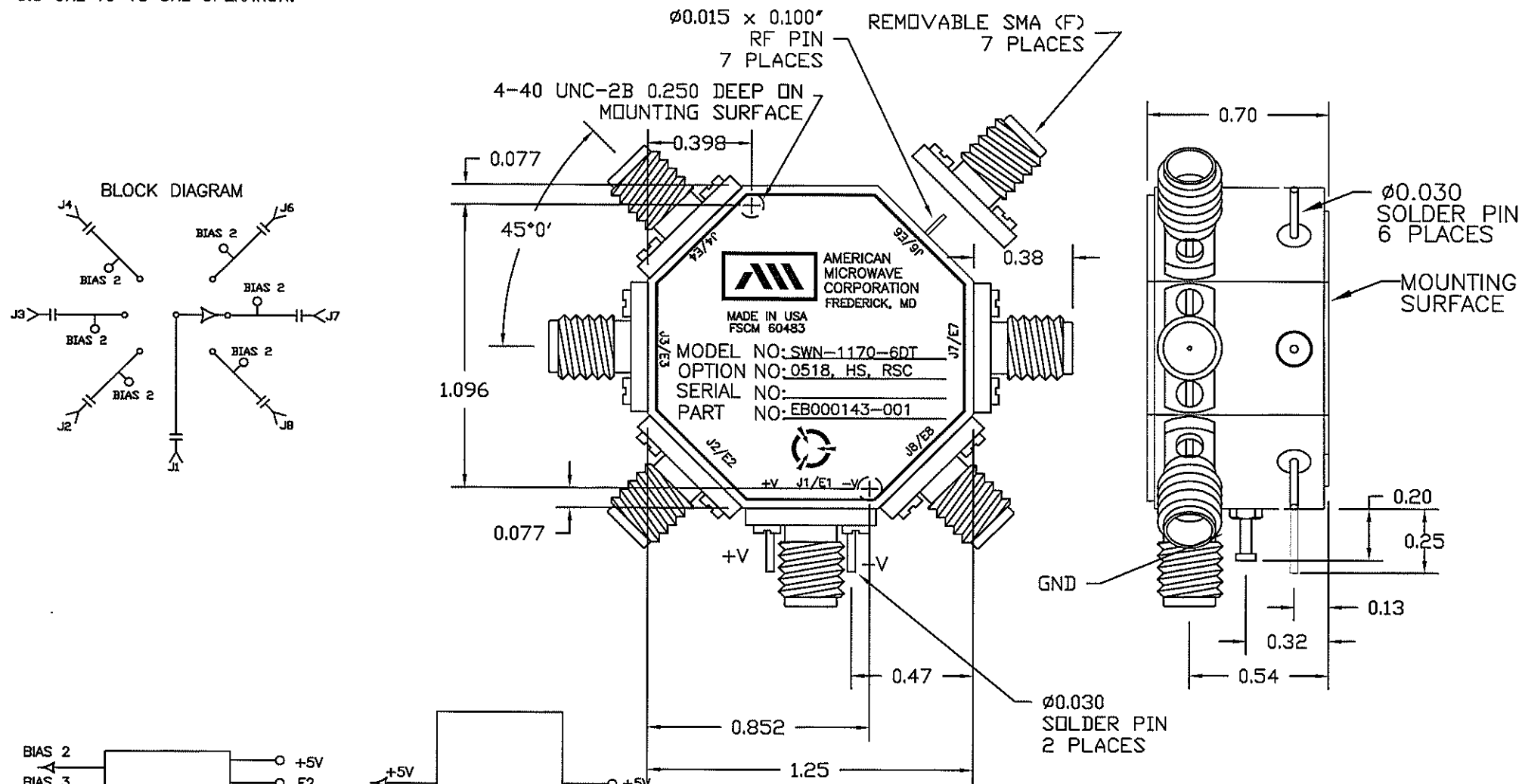


DESCRIPTION:

AMC MODEL SWN-1170-6DT-0518 OPTIONS HS, RSC IS A HERMETICALLY SEALED HIGH SPEED NON-REFLECTIVE/ABSORPTIVE SINGLE POLE SIX THROW SWITCH MODULE WITH LOW INSERTION LOSS, HIGH ISOLATION AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR 0.5 GHz TO 18 GHz OPERATION.



CONFIDENTIAL AND PROPRIETARY

CONTRACT NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>WJL</i>	03/21/00	OUTLINE DRAWING SWN-1170-6DT-0518 OPTIONS HS, RSC	
CHECKED <i>K. Q.</i>	11/10/00	SIZE	FSCM NO.
ISSUED		A	60483
		DWG NO.	100-5331
		SCALE	N/S
		SHEET	2 of 3
		REV.	B

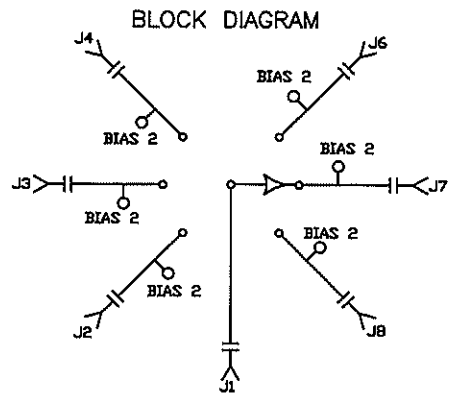
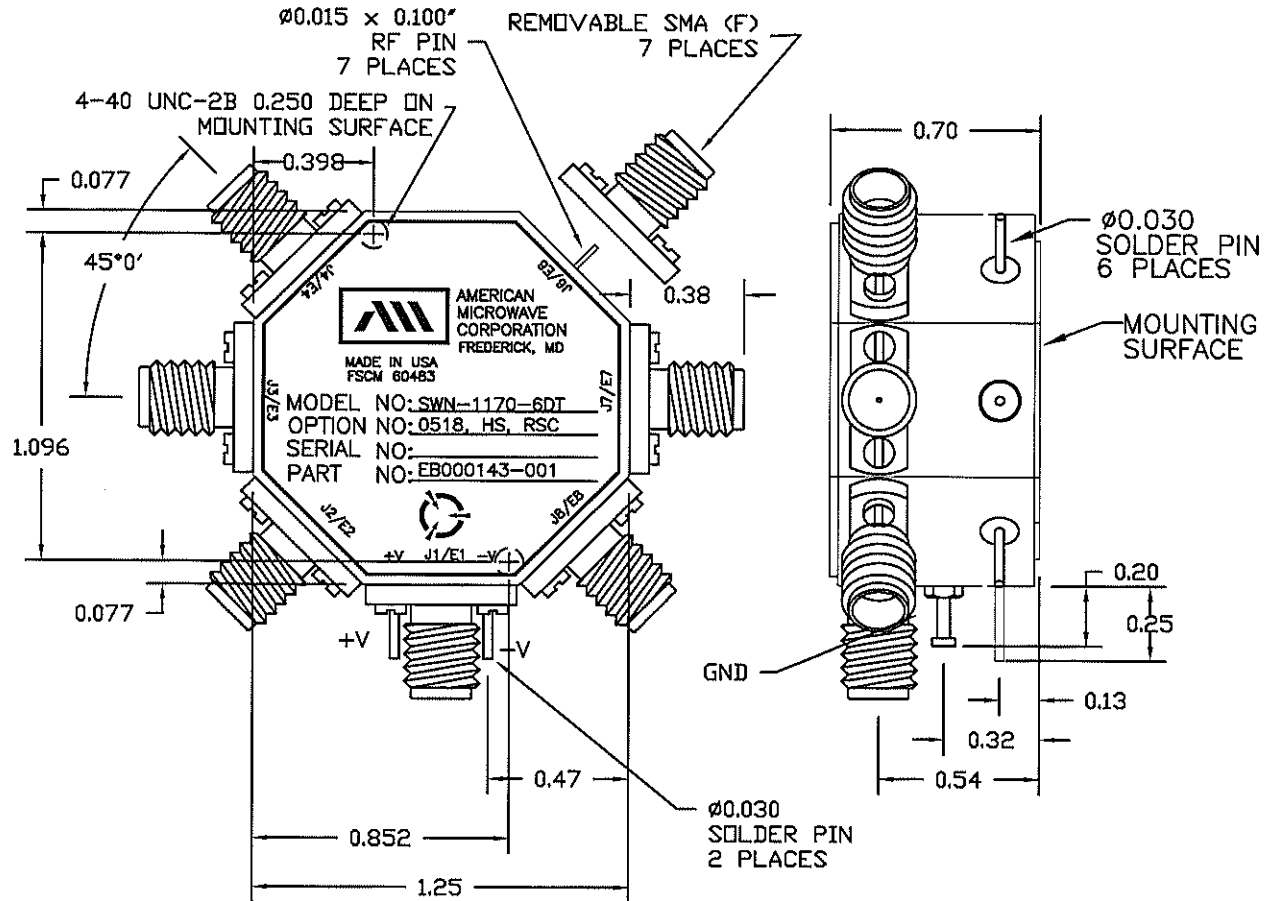
DESCRIPTION:

AMC MODEL SWN-1170-6DT-0518 OPTIONS HS, RSC IS A HERMATICALLY SEALED HIGH SPEED NON-REFLECTIVE/ABSORPTIVE SINGLE POLE SIX THROW SWITCH MODULE WITH LOW INSERTION LOSS, HIGH ISOLATION AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR 0.5 GHz TO 18 GHz OPERATION.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL JOB# 003040E-1	03/21/00	
	B	SEE ECR# 07-130	11/7/07	<i>[Signature]</i>

SPECIFICATIONS:

- FREQUENCY: 0.5 GHz TO 18 GHz
- INSERTION LOSS: 4.25db
- ISOLATION: 0.5 GHz TO 2 GHz: 60db
2 GHz TO 18 GHz: 70db
- VSWR: 2.0:1
- SPEED: RISE: 10ns TYPICAL, 15ns MAXIMUM
FALL: 10ns TYPICAL, 15ns MAXIMUM
DELAY ON: 75ns TYPICAL, 100ns MAXIMUM
DELAY OFF: 75ns TYPICAL, 100ns MAXIMUM
- POWER INPUT: (CW)+20dBm
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- TEMPERATURE: SCREENED AT -65°C
- POWER SUPPLY: +5V @ 300 mA MAXIMUM
-5V @ 100mA MAXIMUM
- WEIGHT: 1.6 OUNCES



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ENVIRONMENTAL RATINGS:

- TEMPERATURE: -65°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: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

CONTRACT NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>WJCP</i>	03/21/00	PRODUCT FEATURE SWN-1170-6DT-0518 OPTIONS HS, RSC	
CHECKED <i>K.G.</i>	11/7/07	SIZE	FSCM NO.
ISSUED		A	60483
		DWG NO.	100-5331
		SCALE	N/S
		SHEET	1 of 3