

DESCRIPTION:

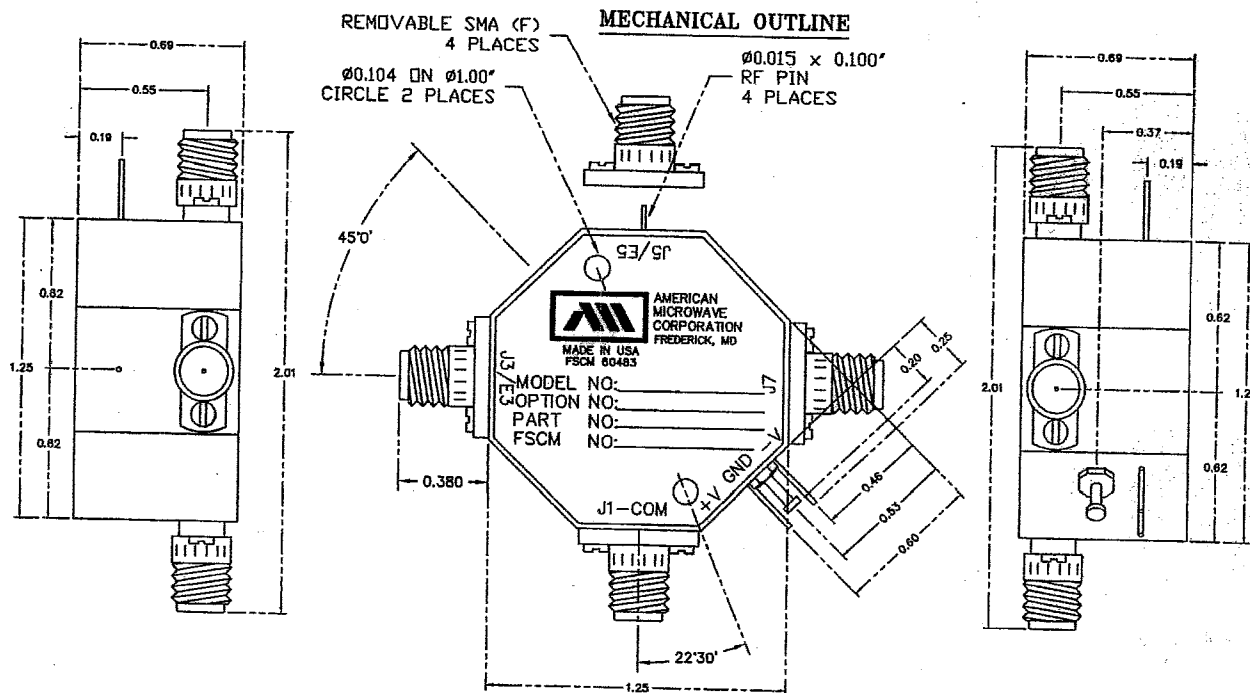
AMC MODEL SWN-1170-3DR-DEC-SP-561R149, A SINGLE POLE THREE THROW, REFLECTIVE SWITCH MODULE, DESIGNED FOR HERMETICALLY SEALED FOR THE 0.1GHZ TO 1.1 GHZ FREQUENCY RANGE.

SPECIFICATIONS:

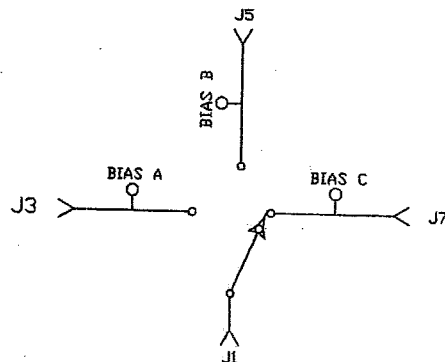
- FREQUENCY:..... 0.1 GHz TO 1.1GHz
- INSERTION LOSS:..... REFLECTIVE: 1.5db
- ISOLATION:..... 40db
- VSWR:..... REFLECTIVE IN/OUT: 1.2:1
- SPEED:..... DELAY ON: 1us
DELAY OFF: 1us
- RF POWER:..... 40dBm
- CONTROL:..... TTL LOGIC , SEE LOGIC TABLE
- POWER SUPPLY:..... +5V @ 300 mA MAX.
-15V @ 100mA MAX.(RELECTIVE)

ZONE		REV.	DESCRIPTION	DATE	APPROVED
		-	ORIGINAL JOB# 207111E	9/09/02	

MECHANICAL OUTLINE

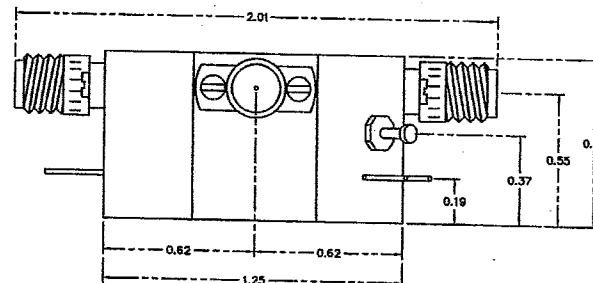


BLOCK DIAGRAM



LOGIC TABLE

	E3	E5
J1-J3	L	L
J1-J5	H	L
J1-J7	L	H
NC	H	H



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 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: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES

TOLERANCES:

X.XX ±0.020

X.XXX ±0.010

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
APPROVALS		DATE	
DRAWN: <i>K.P.A.U.</i>		9/9/02	
CHECKED: <i>LA</i>		10/10/02	
ISSUED: <i>KAS</i>		5/13/02	
TITLE PRODUCT FEATURE SWN-1170-3DR-DEC-SP-561R149 HERMETICALLY SEALED		SIZE FSCM NO. DWG NO. A 60483 100-6401	
SCALE N: S		REV. -	
SHEET		1 of 3	