

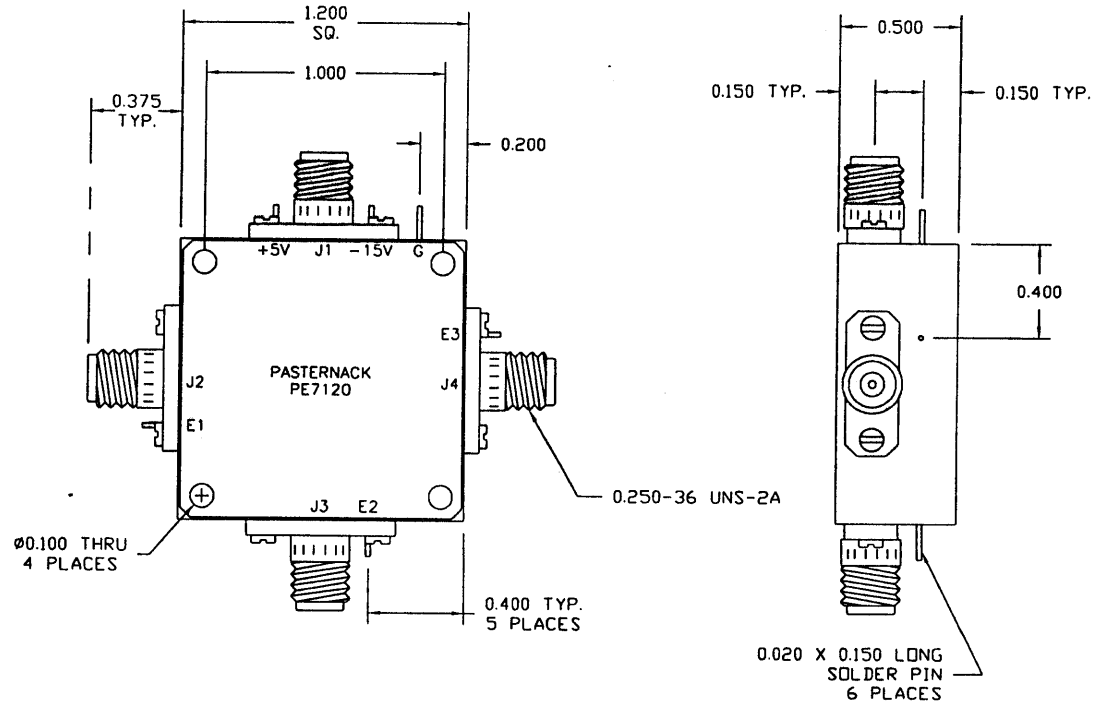
DESCRIPTION:

AMC MODEL MSN-3DR-PE IS A SINGLE POLE THREE THROW, REFLECTIVE HIGH POWER SWITCH MODULE WITH LOW INSERTION LOSS, AND WITH INTEGRAL TTL DRIVER DESIGNED FOR 1 GHz TO 18 GHz OPERATION.

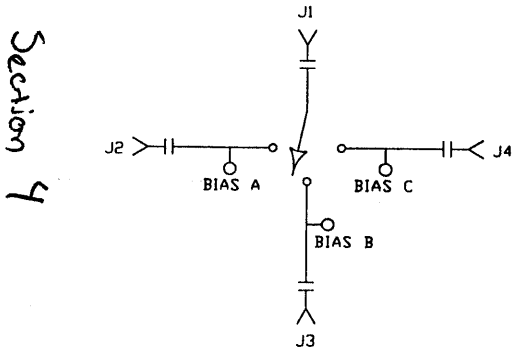
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL JOB# 101013E	02/02/01	

SPECIFICATIONS:

- FREQUENCY: 1 GHz TO 18 GHz
- INSERTION LOSS: 3.3 dB MINIMUM
- ISOLATION: 65 dB MINIMUM
- VSWR: 2.0:1 MAXIMUM
- SPEED: RISE: 10ns TYPICAL, 15ns MAX.
FALL: 10ns TYPICAL, 15ns MAX.
DELAY ON: 75ns TYPICAL, 100ns MAX.
DELAY OFF: 75ns TYPICAL, 100ns MAX.
- POWER INPUT: 0.5 WATT
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: +5V @ 40 mA MAX.
-15V @ 40 mA MAX.



BLOCK DIAGRAM



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	TITLE	
DRAWN <i>W362</i>	02/02/01	PRODUCT FEATURE MSN-3DR-PE OPTIONS: 118, HPR05W	
CHECKED <i>W362</i>	10/5/01	SIZE	REV.
ISSUED		A 60483	-
		FSCM NO.	DWG NO.
		100-5953	
		SCALE 1.25:1	SHEET 1 of 3