

DESCRIPTION:

AMC MODEL MSN-3DT-05-DEC-SP OPTION: 812, B02 IS AN ABSORPTIVE/NON-REFLECTIVE BROAD BAND SP3T SWITCH MODULE WITH INTEGRAL TTL DRIVER OPTIMIZED FOR A FREQUENCY RANGE OF 8 TO 12 GHZ.

SPECIFICATIONS:

- FREQUENCY: 8 GHz TO 12 GHz
- INSERTION LOSS: 3.75db MAXIMUM
- ISOLATION: 70db MINIMUM
- VSWR: IN/OUT: 2.0:1
OUT/OFF: 2.0:1
- 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: (CW)+20dBm
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: +5V @ 150 mA MAX.
-15V @ 100mA MAX.

OPTIONS:

- 812 8 GHz TO 12 GHz (NO CHANGE IN INSERTION LOSS)
- B02 -15V POWER SUPPLIES

LOGIC TABLE

	E1	E2
J1-J2	L	L
J1-J3	H	L
J1-J4	L	H
NC	H	H

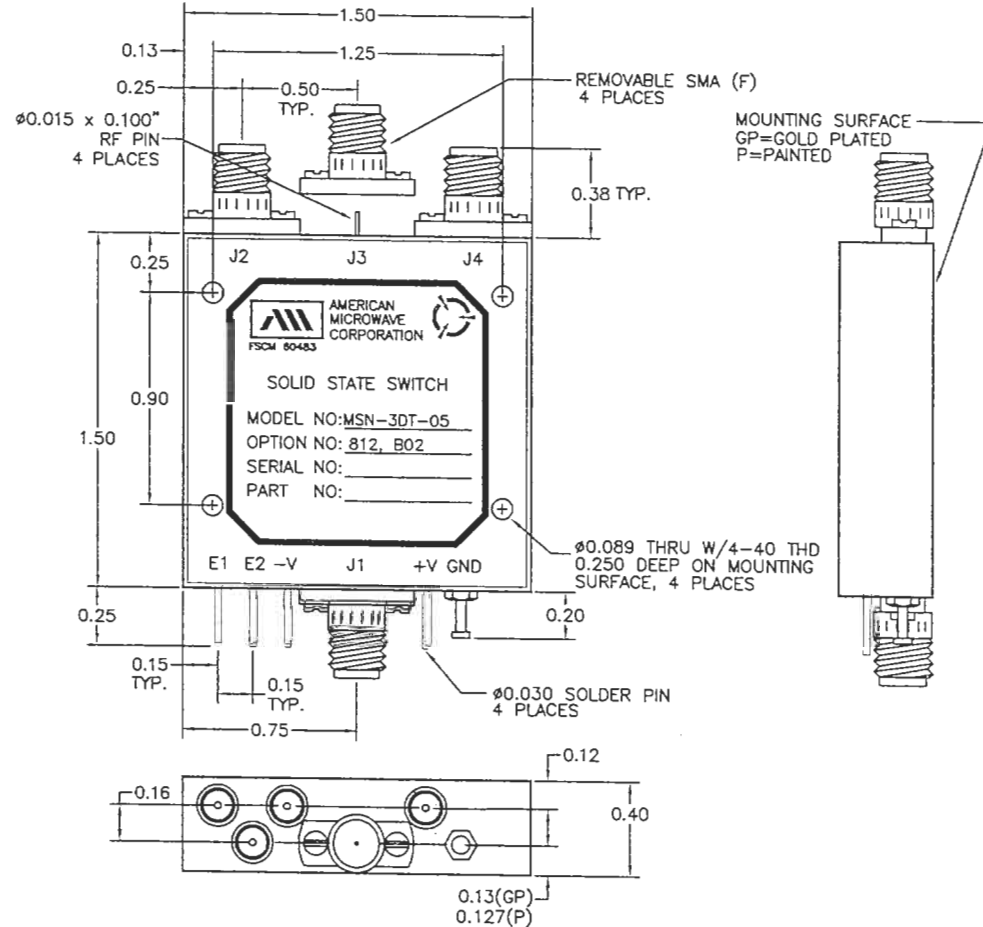
ENVIRONMENTAL RATINGS

- 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 OPERATING 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# 404070NX	8/29/04	



AMERICAN MICROWAVE CORPORATION

7311-G GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-4700 FAX: 301-662-4938
WEBSITE: www.americanmicrowavecorp.com
E-MAIL: sales@americanmicrowavecorp.com
ISO 9001:2000 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN	JKM	8/29/04	PRODUCT FEATURE MSN-3DT-05-DEC-SP OPTION: 812 B02 8 TO 12 GHZ, SINGLE POLE THREE THROW SWITCH			-
REDRAWN	JDJ	8/10/04	SIZE	FSCM NO.	DWG NO.	
ISSUED	ph	9/2/04	A	60483	100-6982	
			SCALE	N:S		SHEET 1 OF 3