

DESCRIPTION:

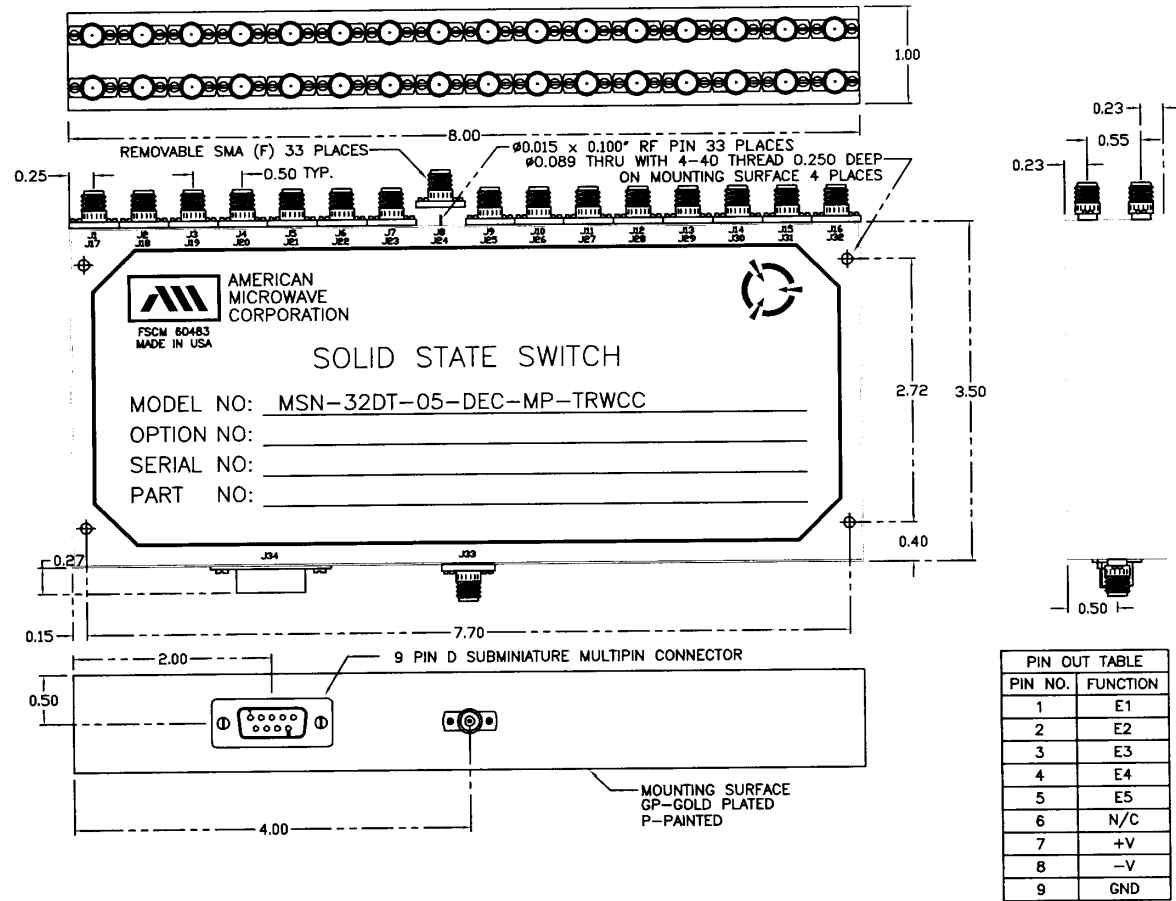
AMC MODEL NUMBER MSN-32DT-05-DEC-MP-TRWCC IS A SINGLE POLE THIRTY TWO THROW PIN DIODE SWITCH MODULE WITH HIGH INSERTION LOSS, HIGH ISOLATION AND IS DESIGNED FOR THE 18 GHz TO 20 GHz FREQUENCY RANGE.

SPECIFICATIONS:

- FREQUENCY: 18 GHz TO 20 GHz
- INSERTION LOSS: 8.5 dB MAXIMUM
- ISOLATION: 70 dB MINIMUM
- VSWR: 2.0:1
- SPEED: DELAY ON: 100 uSEC MAXIMUM
DELAY OFF: 100 uSEC MAXIMUM
- POWER INPUT: (CW)+20dBm (STANDARD), +10 dBm (HIGH SPEED)
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: +5V @ <2.0 AMP MAXIMUM
-5V @ <2.0 AMP MAXIMUM

ZONE		REV.	DESCRIPTION	DATE	APPROVED
		-	ORIGINAL RELEASE, JOB# 807155	11/03/03	

MECHANICAL OUTLINE



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	TITLE PRODUCT FEATURE	
DRAWN <i>WPL</i>	11/03/03	MSN-32DT-05-DEC-MP-TRWCC SOLID STATE SWITCH	
CHECKED		SIZE A	FSCM NO. 60483
ISSUED		DWG NO. 100-6822	REV. -
SCALE N/S		SHEET 1 of 3	