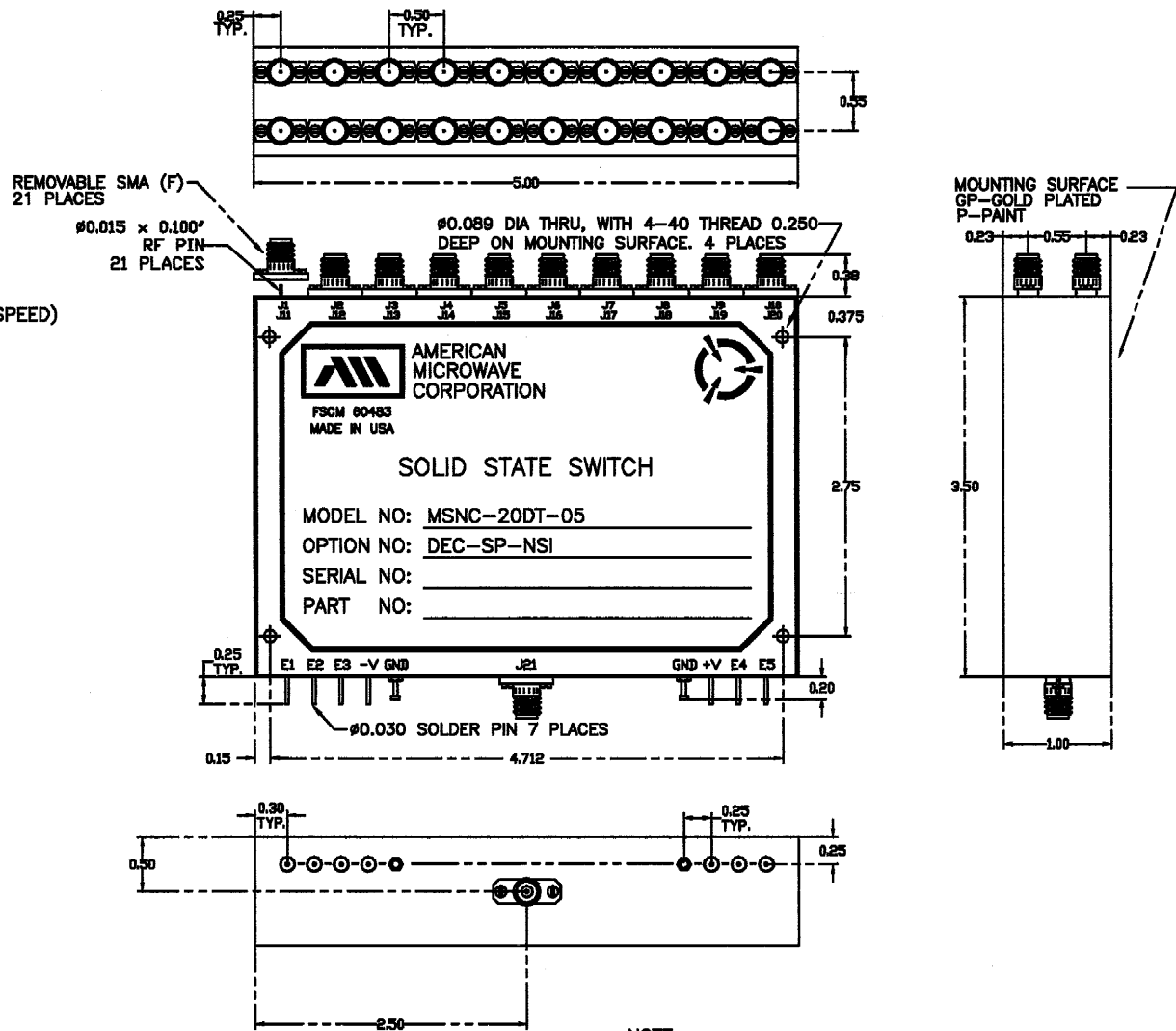


SPECIFICATIONS:

- FREQUENCY: 20% \oplus X BAND (9-11 GHz)
- INSERTION LOSS: 7.5db
 Δ INSERTION PHASE: 1° - 2°
 Δ INSERTION LOSS: 0.1 - 0.2 dB
- ISOLATION: 70db
- VSWR: ABSORPTIVE IN/OUT: 2.0:1
 ABSORPTIVE OUT/OFF: 2.0:1
- SWITCH RATE: 5 KHz
- SPEED: (WITHIN 0.1dB & 1° OF STEADY STATE)
 RISE: 10ns TYPICAL, 15ns MAX.
 FALL: 10ns TYPICAL, 15ns MAX.
 DELAY ON: 75ns TYPICAL, 150ns MAX.
 DELAY OFF: 75ns TYPICAL, 150ns MAX.
- 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 \oplus 1 AMP MAX.
 -5V \oplus 250mA MAX.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	ORIGINAL RELEASE	7/25/98	



NOTE:
 DR=WITH DRIVER, REFLECTIVE
 DT=WITH DRIVER, NON-REFLECTIVE/ABSORPTIVE

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

ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 X.XX \pm 0.020
 X.XXX \pm 0.010

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN	7/25/98	MSNC-20DT-05-DEC-SP-NSI NON-REFLECTIVE/ABSORPTIVE SOLID STATE SWITCH		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	60483	100-4460-5
		SCALE	N/S	SHEET 1 of 1