

**SPECIFICATIONS:**

- FREQUENCY: . . . . . 0.5 GHz TO 18 GHz
- INSERTION LOSS: . . . . . REFLECTIVE: 3.75db  
 . . . . . ABSORPTIVE: 4.25db
- ISOLATION: . . . . . 0.5 GHz TO 18 GHz: 60db
- VSWR: . . . . . REFLECTIVE IN/OUT: 2.0:1  
 . . . . . ABSORPTIVE IN/OUT: 2.0:1  
 . . . . . ABSORPTIVE OUT/OFF: 2.0:1
- SPEED: . . . . . RISE: 15ns MAX.  
 . . . . . FALL: 15ns MAX.  
 . . . . . DELAY ON: 100ns MAX.  
 . . . . . DELAY OFF: 100ns 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 @ 350 mA MAX.  
 . . . . . -5V @ 75mA MAX.(RELECTIVE)  
 . . . . . 100mA MAX.(ABSORPTIVE/NON-REFLECTIVE)

**OPTIONS:**

- DEC-SP . . . . . 3 BIT DECODER WITH SOLDER PIN
- B01 . . . . . -12V POWER SUPPLIES
- B02 . . . . . -15V POWER SUPPLIES
- B03 . . . . . REVERSE LOGIC "1"=ON "0"=OFF
- B04 . . . . . DRIVERLESS, CURRENT CONTROLLED
- B05 . . . . . HIGH SPEED, TURNON/TURNOFF 25 nsec MAXIMUM  
 WHEN APPLICABLE
- B06 . . . . . HIGH POWER - SPECIFY CW POWER, PEAK POWER, PULSE WIDTH,  
 DUTY CYCLE, RF FREQUENCY AND BANDWIDTH
- B08 . . . . . LOW VIDEO TRANSIENTS - SPECIFY VIDEO BANDWIDTH
- B10 . . . . . HIGHER ISOLATION VERSION (SPECIFY)

**ENVIRONMENTAL RATINGS:**

- TEMPERATURE: . . . . . -40°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

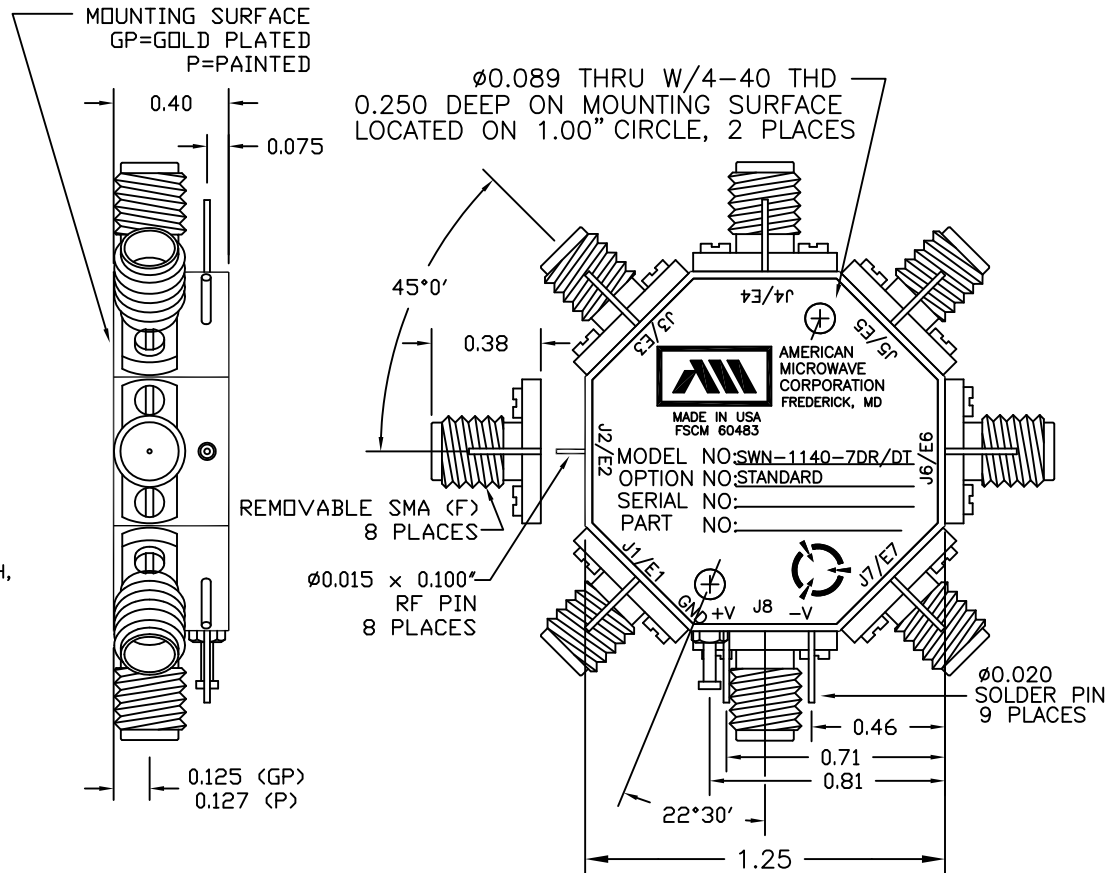
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE  
 NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

\* Units are designed to meet Environmental ratings but not tested. If  
 Environmental Testing is required, please contact Sales Department.

ALL DIMENSIONS ARE IN INCHES  
 TOLERANCES:

- X.XX ±0.020
- X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	8/12/97	
	B	SEE ECR# 09-025	6/8/09	



NOTE:

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

CONTRACT NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN <i>WJP</i>	8/12/97	OUTLINE DRAWING SWN-1140-7DR/DT-STANDARD REFLECTIVE OR NON-REFLECTIVE/ABSORPTIVE RADIAL SOLID STATE SWITCH		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	60483	100-4170-1
		SCALE	N/S	SHEET 1 of 1
				REV. B