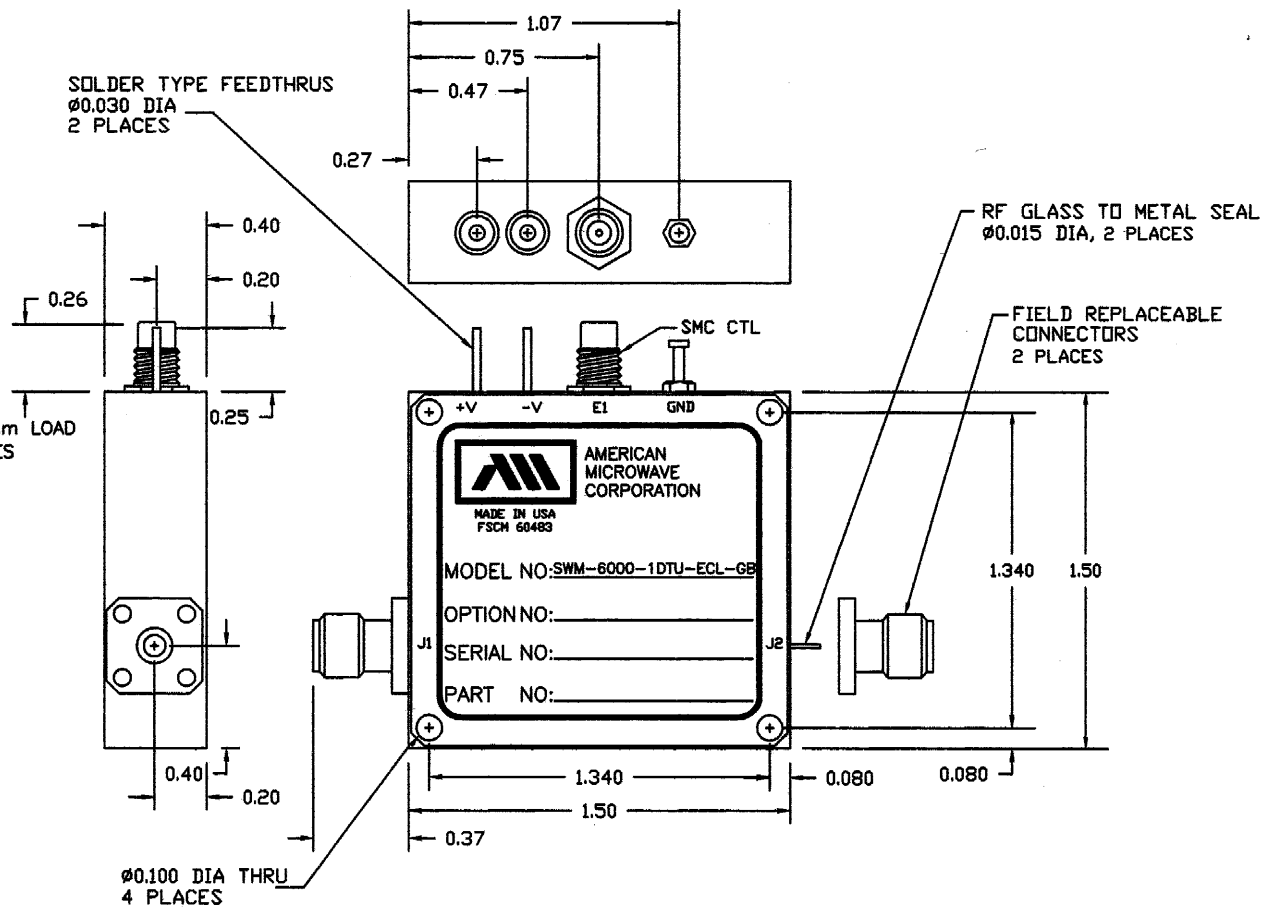


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	ORIGINAL RELEASE	3/1/99	

SPECIFICATIONS:

- FREQUENCY: 468 MHz, ±50 MHz
- INSERTION LOSS: 2.5 dB TYP. @ 468 MHz
- ISOLATION: 100 dB MIN. @ 468 MHz
- VSWR: 2.0:1 MAX. @ 468 MHz
- SPEED: RISE: 5 nsec MAX., 3 nsec TYP.
FALL: 5 nsec MAX., 3 nsec TYP.
DELAY ON: 15 nsec MAX.
DELAY OFF: 15 nsec MAX.
- BALANCE ON/OFF: WITHIN ±2 nsec
- VIDEO TRANSIENTS: 30 mV (P-P) MAX,
300 MHz BANDWIDTH
- RF POWER: +20 dBm TYP. AT 468 MHz
- CONTROL: ECL CONTROL, SINGLE ENDED, 50 ohm LOAD
INPUT (130 ohms TO -5.2V SUPPLIES
& 82 ohms TO GROUND)
HIGH (-0.8V) = ON
LOW (-1.8V) = OFF
- POWER SUPPLY: +5V @ 100 mA MAX.
-5V @ 100 mA MAX.
- CONNECTORS:
RF INPUT/OUTPUT SMA FEMALE (FIELD REPLACEABLE)
POWER SOLDER PIN
CONTROL SMC
- SIZE 1.50" (L) x 1.50" (W) x 0.40" (H)
- WEIGHT 2.0 OZ. TYP.



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 ±0.020
X.XXX ±0.010

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

CONTRACT NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN K SIMMS	3/1/99	OUTLINE DRAWING SWM-6000-1DTU-ECL-GB		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	60483	100-4758
		SCALE	N/S	SHEET 1 of 1
				REV. -