

### Modulators Single Sideband



#### Applications

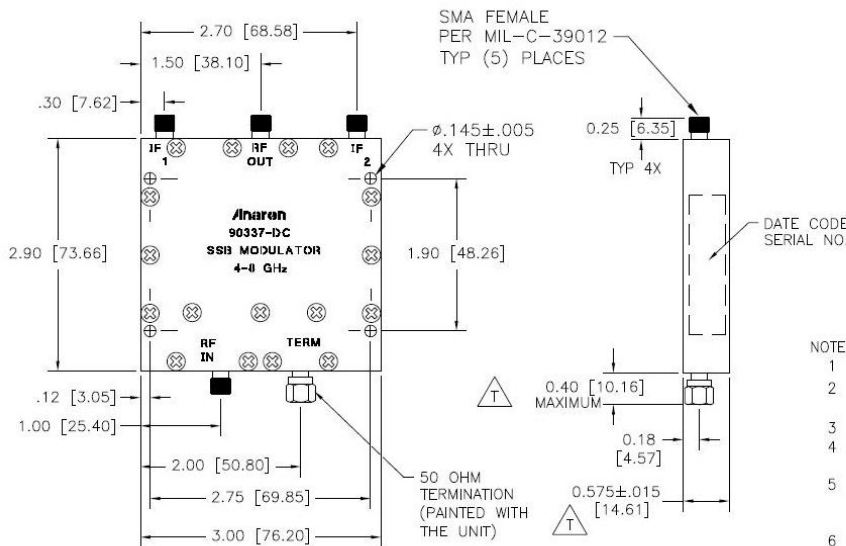
- SSB Communication Systems
- Down/Up Converter Systems
- Precision Frequency Offset
- Doppler Simulators

#### Features

- Military Grade
- 4.0 – 8.0 GHz
- High Unwanted Sideband Suppression
- Wideband Operation
- Excellent Carrier Suppression
- Connectors Per MIL-C-39012
- 30 to 240 MHz IF Frequencies Available

**NOTES:**  
Electrical and Mechanical Specifications subject to change without notice

#### Outline Drawing



- NOTES:**
1. QUADRATURE DRIVE
  2. ANAREN PROVIDES TEST DATA TAKEN AT 30 MHz WITH EXTERNAL COUPLER.
  3. DIMENSIONS ARE IN INCHES AND (MILLIMETERS)
  4. MARKING: MARKING SHALL BE IN ACCORDANCE WITH MIL-STD-130
  5. FINISH: EPOXY COATING PER MIL-C-22750, COLOR CHIP 35180 (BLUE) PER FED-STD-595, OVER EPOXY PRIMER PER MIL-P-23377
  6. WEIGHT: 7.1 OUNCES (201 GRAMS) MAX

COMPUTER GENERATED DOCUMENT - MANUAL CHANGES NOT ALLOWED

PART NO. 14448-G001

**Anaren** ANAREN MICROWAVE INC.  
EAST SYRACUSE, NEW YORK

MODULATOR,  
SINGLE SIDEBAND

SIZE B CASE CODE B DOC NO. 14448-G001

SCALE 1/1 DOC CODE 3 REV T SHEET 1 OF 1

ELECTRICAL SPECIFICATIONS	
FREQUENCY:	4.0-8.0 GHz
POWER:	RF IN -10dBm
CONV LOSS:	9.5dB MAX
IF POWER:	+10dBm
IF FREQ:	DC -400MHz (SEE NOTES 1&2)
CAR SUPP:	15.0 dB MIN
S B SUPP:	16.0 dB MIN