

Excellent Integrated System Limited

Stocking Distributor

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[Anaren](#)
[90337-DC](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

Modulators
Single Sideband

Applications

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

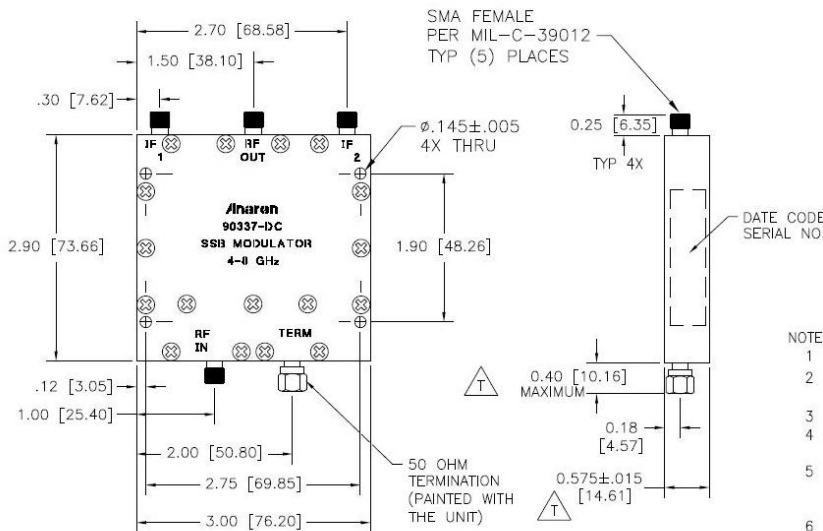
Features

- 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 31597	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