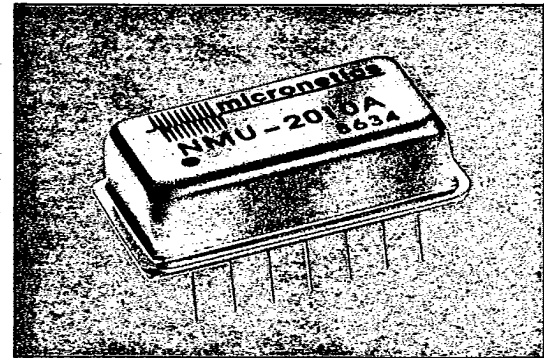



micronetics inc.

A Quantech Company

NMU-2000
SERIES
**μ-NOISE
MODULES**
Features:

- True White Symmetrical Gaussian Noise
- TTL Modulation Control (0.5μSec Switching)
- Ultra Compact Size .875" x .500" x .24"
- High Freq, BroadBand Outputs
- Pick And Choose Options To Match Your Performance Requirement
- 14 Pin DIP


OUTPUT CHARACTERISTICS-50 OHM LOAD

Model	Frequency Range ⁽²⁾	Noise Output Level				Power
		Flatness	ENR (dB)	μV/√Hz	dBm/band	
NMU-2006H	1MHz-30MHz	± .5dB	30 (Min)	.014	-69	+15V ⁽¹⁾ 2mA max.
NMU-2006L	1MHz-30MHz	± .5dB	15.5	.0027	-83	
NMU-2009H	1MHz-500MHz	± .5dB	30 (Min)	.014	-57	
NMU-2009L	1MHz-500MHz	± .5dB	15.5	.0027	-71	
NMU-2010H	1MHz-1GHz	± .5dB	30 (Min)	.014	-54	
NMU-2010L	1MHz-1GHz	± .5dB	15.5	.0027	-68	
NMU-2011H	1MHz-1.5GHz	±1.5dB	30 (Min)	.014	-52	+28V 20mA max.
NMU-2011L	1MHz-1.5GHz	± .5dB	15.5	.0027	-67	
NMU-2012H	1MHz-2GHz	±2.0dB	30 (Min)	.014	-51	
NMU-2013H	1MHz-4GHz	±2.0dB	30 (Min)	.014	-48	
NMU-2014H	1MHz-6GHz	±2.0dB	30 (Min)	.014	-46	

(1) +28 VDC Supply Voltage Available

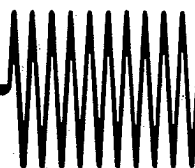
(2) Other Low Frequency Limits Available

Specifications:

Load Impedance 50 Ohm
 Operating Temperature -55°C to 85°C
 Temp. Coefficient .025 dB/°C Typ.
 Voltage Supply Sensitivity
 .5-1.5 GHz Models .4 dB/100 mV
 2.0-6.0 GHz Models .1 dB/100 mV
 Maximum Storage Temperature -62°C to 150°C

Available Options (Call Factory)

- Improved Temperature & Supply Voltage Sensitivity
- TTL Modulation For Full On To Full Off
- Customer Determined Output Level (<30 dB ENR) with VSWR of 1.2

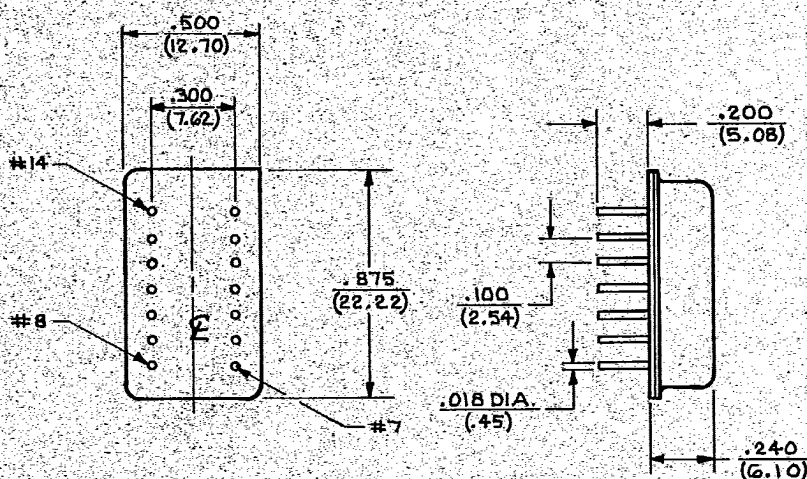

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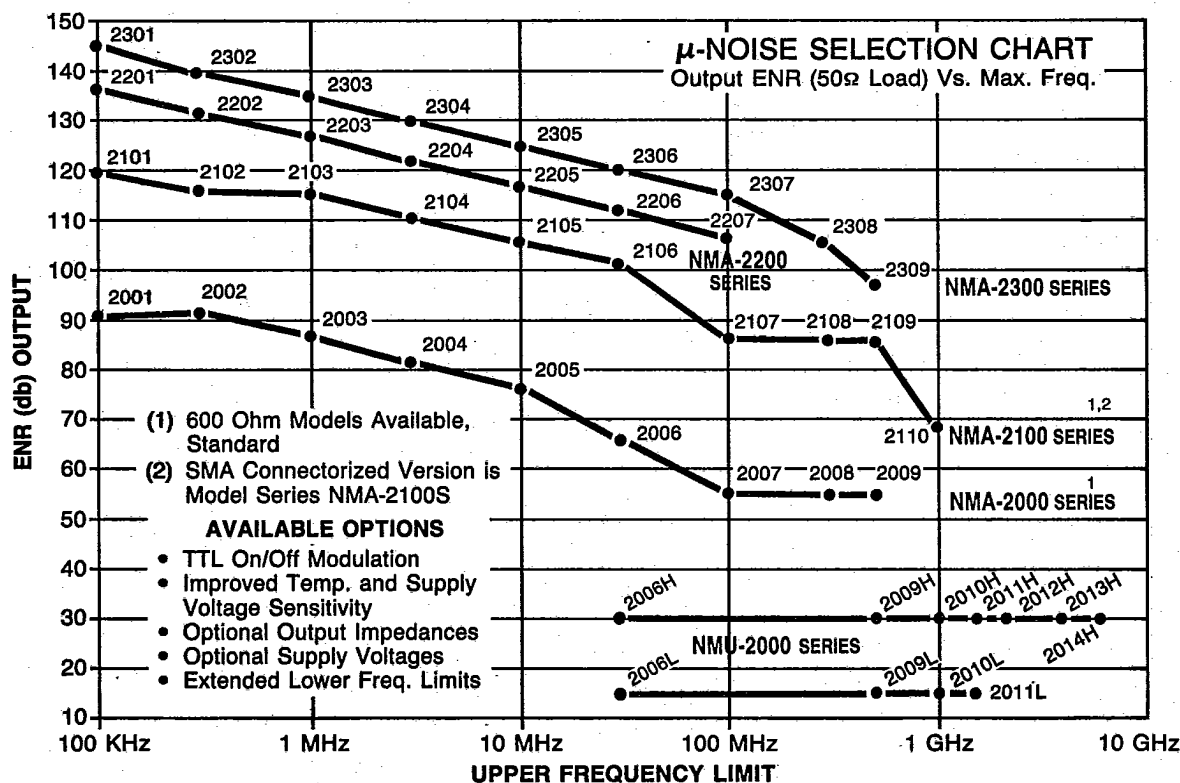
1/87 Preliminary Data Sheet

Outline Dimensions ^{Inches} (mm)

PIN	FUNCTION
7	GROUND
8	NOISE OUTPUT
14	SUPPLY VOLTAGE



DIMENSIONS IN PARENTHESIS ARE MILLIMETERS



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