NW-D SERIES

Applications for these modules include built in test equipment, dithering for increased dynamic range of A/D converters, and as an economical source for bit error rate testing.

The unit comes in an industry standard DIP package and is available in either 14 or 24 pin packages. Utilizing small internal parts count the unit is economically priced and delivery is typically from stock.

Specifications:
+15 VDC (standard)
Internal Filtering to limit Bandwidth
Operating Temperature: -55 to +125 deg C
Storage Temperature: -65 to +150 deg C
Temperature Coefficient: 0.025dB °/C typical
Crest factor: 5:1, > 1 GHz models

MODEL	FREQUENCY RANGE	OUTPUT	FLATNESS (dB)	dBm/Hz	LOAD IMPEADANCE	I(max) (mA)
NW100M-D	1M—100MHz	+5 dBm	+/- 0.75	-75	50	100
NW300M-D	10M—300MHz	0 dBm	+/- 1.00	-81	50	100
NW500M-D	10M—500MHz	0 dBm	+/- 1.00	-87	50	100
NW1G-D	10M—1 GHz	-5 dBm	+/- 1.00	-95	50	100
NW1.5G-D	10 M—1.5 GHz	-5 dBm	+/- 2.00	-97	50	100
NW2G-D	10 M—2 GHz	-5 dBm	+/- 2.00	-98	50	100
NW3G-D	10 M—3 GHz	-5 dBm	+/- 2.00	-100	50	100

Options

1	Military Version (M)
2	TTL HIGH (T)
3	TTL LOW (-T)
4	14 Pin Version
5	+12VDC
6	Flatpack

Phone: 973-386-1119
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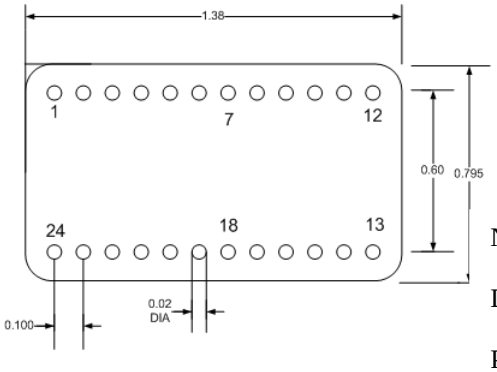
Website: http://www.noisewave.com

REV: A

NW-D SERIES

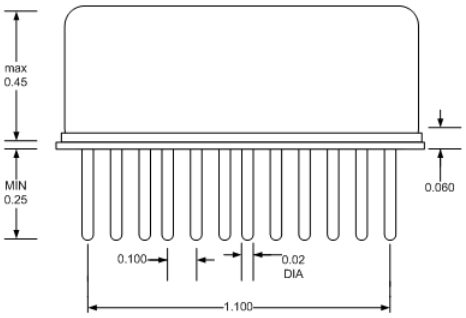


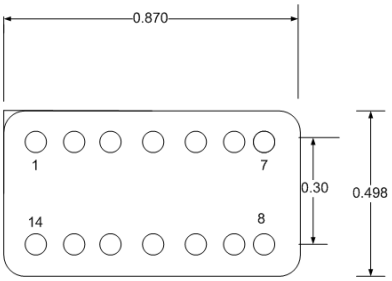
NW-D 24 Pin

Dimensions in inches

Pin 18 = +VCC
Pin 13 = Output
Pin 7 = TTL Option
All other Pins Ground

Square corner indicates Pin 1



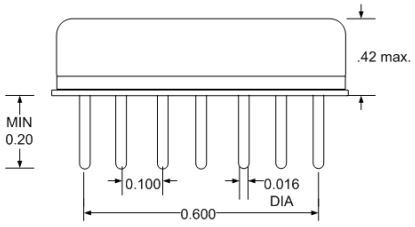


NW-D 14 Pin

Dimensions in inches

Pin 14 = +VCC
Pin 8 = Output
Pin 7 = TTL Option
All other Pins Ground

Square corner indicates Pin 1



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REV: A