

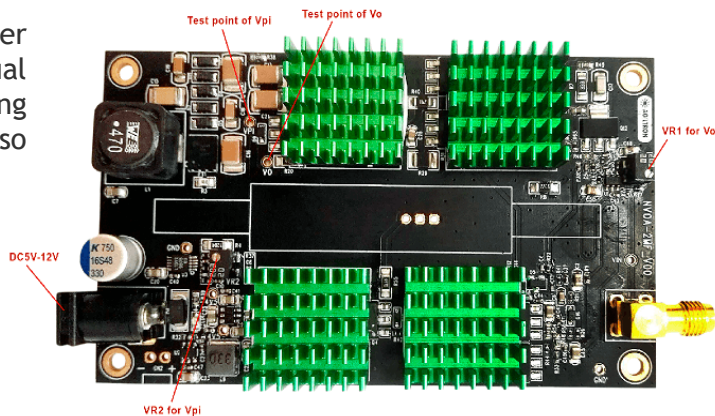
**BUY NOW** 

# 1MHz Driver for Premium NanoSpeed™ Variable Optic Attenuator

## Product Description

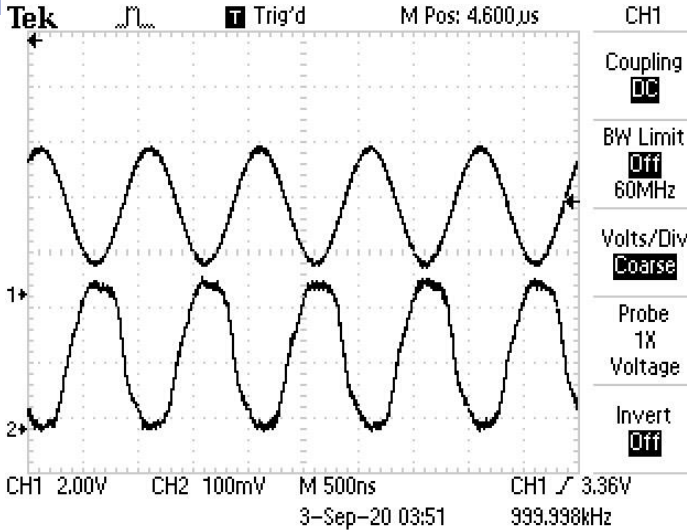
This NP series of fast-speed driver is designed to control the Premium NS series of solid state variable optic attenuators (VOA). The push-pull output design is especially suitable for driving capacitive VOA loads, assuring the fast response time both on rising and falling of attenuation. The VOA attenuation is controlled by 0-5V signal input. A wall plug power supply is provided for each driver.

The standard driver controls one individual VOA. Drivers controlling multiple VOAs are also available

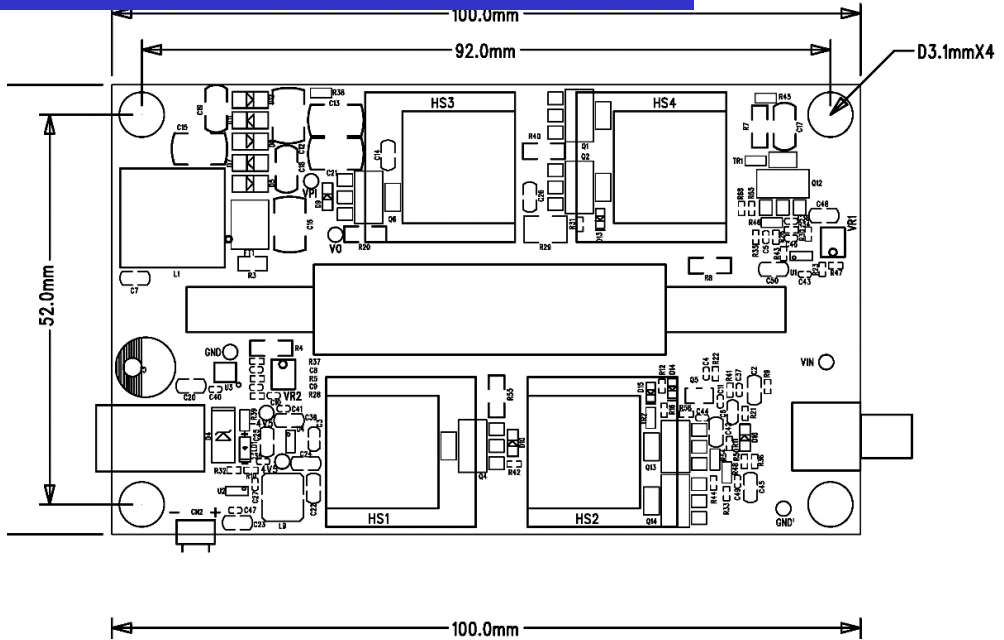


## Electrical Specifications

Parameter	Conditions	Min	Typ	Max	Units
DC supply	Operating Range	5.0	--	12.0	V
Signal input	Power supply = 12V	0	--	5	V
Input frequency	Power supply = 12V	0	--	1	MHz
Input impedance		10K	--	60K	Ohm
Input swing	100% output depth	0~3.6	0~5	0~10	V
Power consumption	frequency @				
	100KHz	--	1.5	--	W
	500KHz	--	2.5	--	
	1MHz	--	4	--	
Output rising time	@100KHz	--	250	350	ns
Output falling time	@100KHz	--	250	350	ns
Output voltage		120	--	180	V



### Mechanical Dimension



\*Product dimensions may change without notice. This is sometimes required for non-standard specifications.

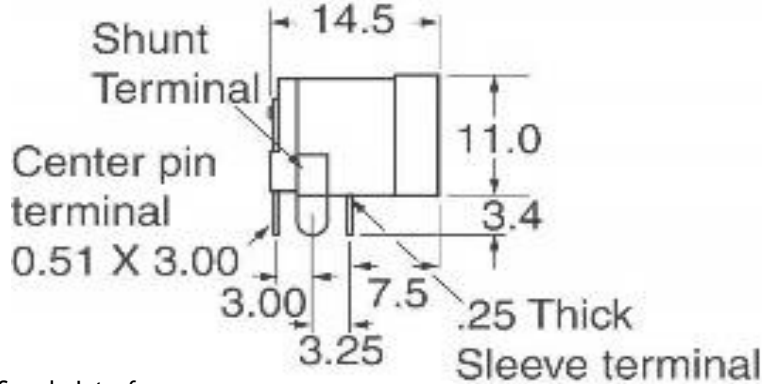
### Ordering Information

Prefix	Type	Repetition	Size	# of VOA	Connector
NVDR-	NP type, single stage = 1P	DC - 1MHz = H	Standard = H Special = 0	Single VOA = 11 Special = 00	SMA = 2 Special = 0

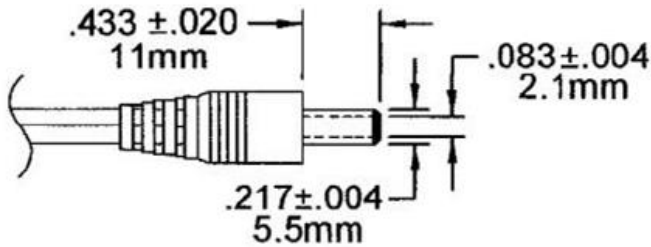
# 1MHz Driver for Premium NanoSpeed™ Variable Optic Attenuator

## Power Connector

P/N: SC1313-ND  
 Power Barrel Connector Jack 2.00mm ID (0.079"),  
 5.50mm OD (0.217") Through Hole, Right Angle



12V Wall Plug DC Power Supply Interface



# 1MHz Driver for Premium NanoSpeed™ Variable Optic Attenuator

## Typical Operation Instructions

1. Connect a control signal to the SMA connector on the PCB
2. Attach the accompanied power supply (typically a wall-pluggable unit).
3. The device should then function properly.

**Note:** Do not alter device factory settings.