

1.2A

HL Series

捷多邦 专业PCB打样工厂 24小时紧急出货

Shindengen America, Inc.



SPECIFICATIONS

INPUT

Voltage Range See Model Selection Table

Max. Input Current See Model Selection Table

OUTPUT

Output Voltage See Model Selection Table

Set Point $\pm 2\%$

Regulation

 Total $\pm 5\%$

Noise & Ripple, (peak-to-peak)

 5V Output 25 mV max.

 12V Output 25 mV max.

Output Current See Model Selection Table

Short-Circuit Protection Foldback with automatic reset

Efficiency 75 - 91% (typ.)

Remote ON / OFF Control Available

Instantaneous Output Current 1.4A

FEATURES

- High Reliability
- Built in Inductor
- Small Packaging
- Standard Output Voltage Adjustment (With External Potentiometer)
- Custom Control Chip Yields Compact Size with Low Cost
- No Heat Sink Required

ENVIRONMENTAL

Operating Ambient Temp. -10 to $+70^{\circ}\text{C}$ (See Derating Chart)

Storage Temp. -30 to $+85^{\circ}\text{C}$

Cooling Conditions No external heat sink required

FUNCTIONS

Overload Protection Current limit (automatic reset)

Thermal Protection Standard

Remote ON/OFF Standard

MODEL SPECIFICATIONS

Output			Model and Input Range	
Volts	Range*	Amps	8-32 VDC	17-32 VDC
+5	3 to 11	1.2/2A Peak	HLD051R2M	—
+12	8 to 24	1.2/2A Peak	—	HLE121R2M
-5	-2 to -8	1.0	HLND05001M	—
-12	-8 to -20	0.7	HLND120R7M	—

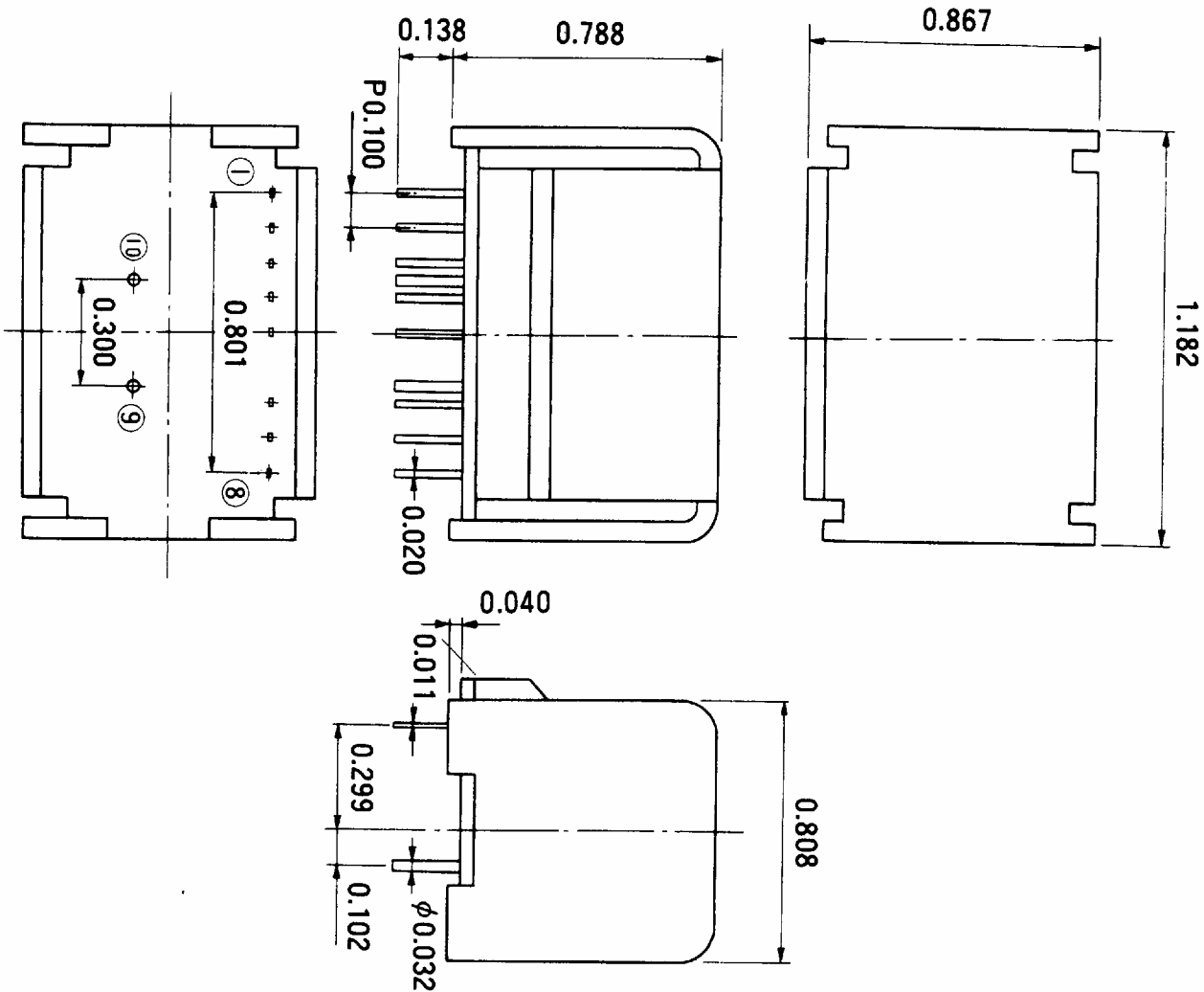
* With external potentiometer



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MECHANICAL SPECIFICATIONS

Size (W x D x H) 0.79 x 1.18 x 0.87 inches (20 x 30 x 22 mm)
 Weight 0.3 oz (8.5 g)

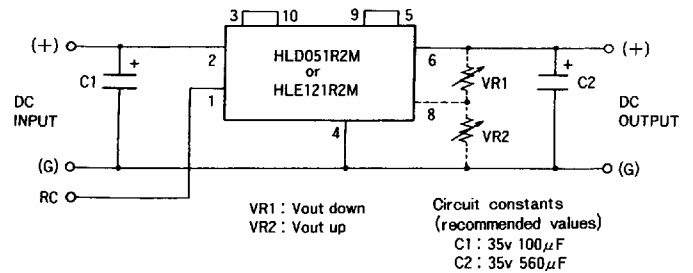


TERMINAL FUNCTION

No.	Function
1	Remote control
2	(+) Input
3	Relay
4	Ground
5	Relay or Drooping setting
6	(+) Output
7	Drooping setting* (see note)
8	Output voltage adjustment
9	Coil
10	Coil

*Note: Do not connect when operating normally

STANDARD EXTERNAL CONNECTION DIAGRAM



Note 1: The following terminals must be connected together: 3 and 10, 5 and 9

Note 2: When not using the remote control, please connect the RC terminal to the ground side for operation.

Dimensions in inches; () Dimensions in mm.