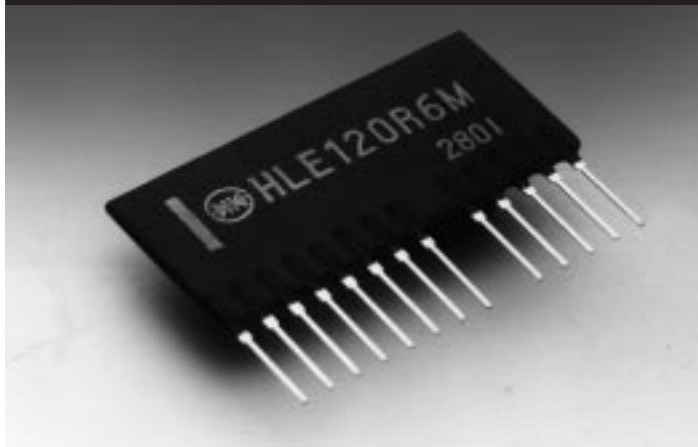


**FEATURES**

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

SPECIFICATIONS**INPUT**

Voltage Range	See Model Selection Table
Max. Input Current	See Model Selection Table

OUTPUT

Output Voltage	See Model Selection Table
Set Point	±2%
Regulation	
Total	±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	0.7A

ENVIRONMENTAL

Operating Ambient Temp.	-10 to +70°C (See Derating Chart)
Storage Temp.	-30 to +85°C
Cooling Conditions	No external heat sink required

FUNCTIONS

Overload Protection	Current limit (automatic reset)
Thermal Protection	Standard
Remote ON/OFF	Standard

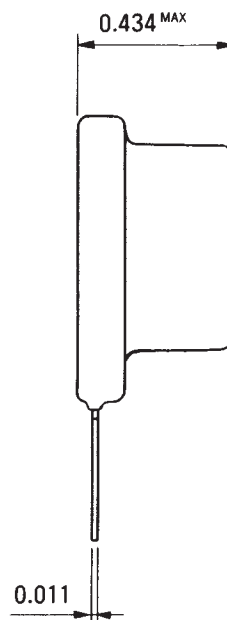
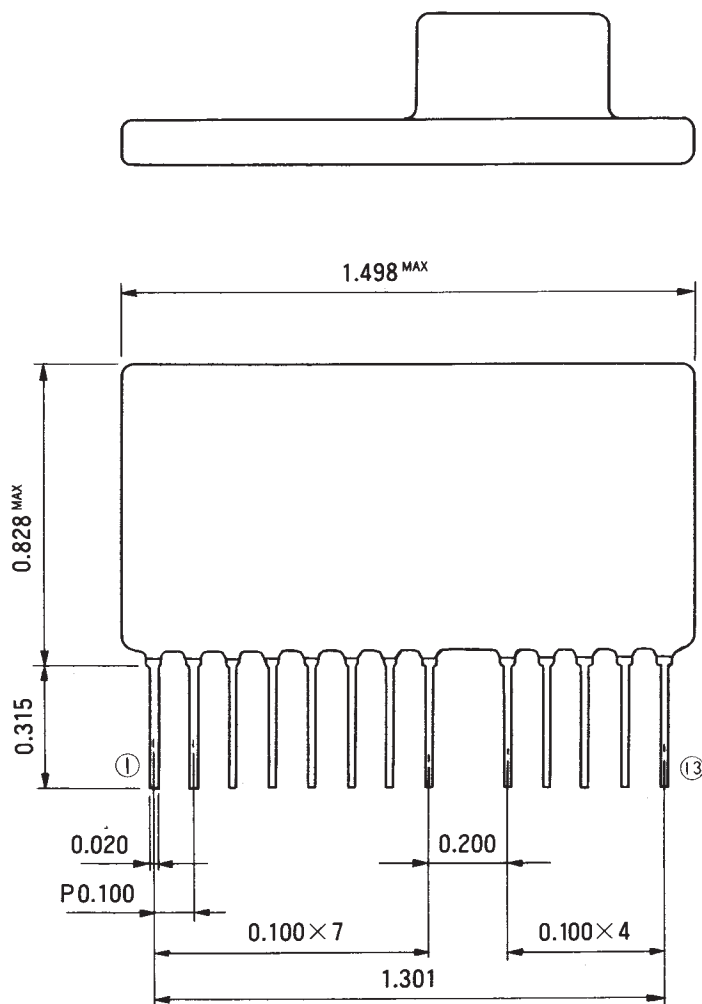
MODEL SPECIFICATIONS

Output			Model and Input Range	
Volts	Range*	Amps	8-32 VDC	17-32 VDC
+5	3 to 11	0.6/1A peak	HLD050R6M	—
+12	8 to 24	0.6/1A peak	—	HLE120R6M
-5	-2 to -8	0.5	HLND050R5M	—
-12	-8 to -20	0.35	HLND12R35M	—

* With external potentiometer

MECHANICAL SPECIFICATIONS

Size (W x D x H) 1.54 x 0.81 x 0.45 inches (39 x 20 x 11 mm)
Weight Max 0.3 oz (8.5g)

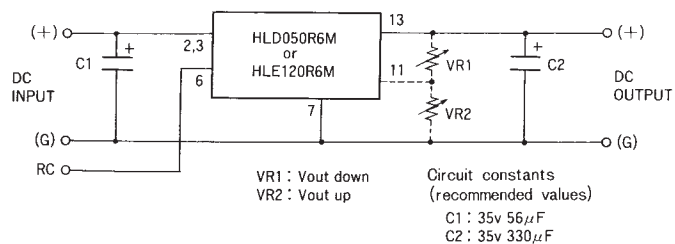


TERMINAL FUNCTION

No.	Function
1	No connection
2	(+) Input
3	(+) Input
4	Test* (see note)
5	No connection
6	Remote control
7	Ground
8	No connection
9	Drooping setting* (see note)
10	Drooping setting* (see note)
11	Output voltage adjustment
12	No connection
13	(+) Output

*Note: Do not connect when operating normally

STANDARD EXTERNAL CONNECTION DIAGRAM



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

Dimensions in inches; () Dimensions in mm.