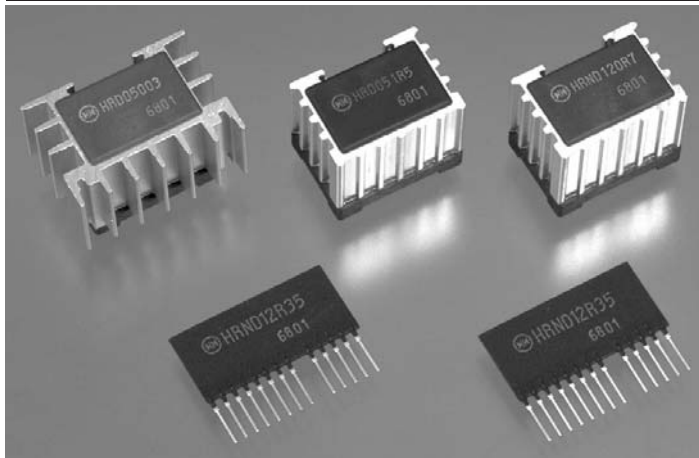


0.6A/1.5A/3A HR Series



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)	
25mV typ.	
Output Current	See Model Selection Table
Short-Circuit Protection	Foldback with automatic reset
Frequency	300KHz

FEATURES

- High Reliability
- Thermal Protection
- Small Packaging
- Standard Output Voltage Adjustment (With External Potentiometer)
- Custom Control Chip Yields Compact Size with Low Cost
- Integrated Heat Sink (some models)

Efficiency	75 - 84% (typ.)
Remote ON / OFF Control	Available
Instantaneous Output Current	1.2A/2.4A

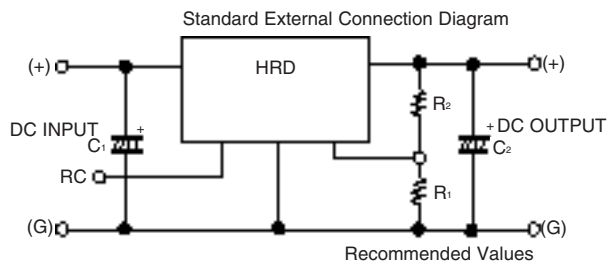
ENVIRONMENTAL

Operating Ambient Temp.	-10 to +80°C (See Derating Chart)
Storage Temp.	-30 to +85°C
Cooling Conditions	Integrated heat sink (some models)

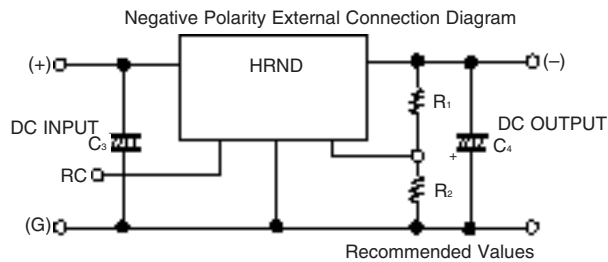
MODEL SPECIFICATIONS

Output			Model and Input Range	
Volts	Range*	Amps	8 - 40 VDC	8 - 32 VDC
+5	3.3 - 24V	0 - 0.6	HRD050R6	—
+5	3.3 - 24V	0 - 1.5	HRD051R5	—
+5	3.3 - 24V	0 - 3.0	HRD05003	—
-12	-5 to -15V	0 - 0.35	—	HRND12035
-12	-5 to -15V	0 - 0.7	—	HRND120R7

* With external potentiometer



MODEL	C1	C2
HRD050R6	50V 39μ F	50V 180μ F 85mΩ
HRD051R5	50V 150μ F	50V 220μ F 75mΩ
HRD05003	50V 390μ F	50V 220μ F x 2 75mΩ / 2



MODEL	C3	www.DataSheet4U.com
HRD12R35	35V 100μ F	35V 330μ F x 2 60mΩ / 2
HRD120R7	35V 270μ F	35V 390μ F x 2 50mΩ / 2