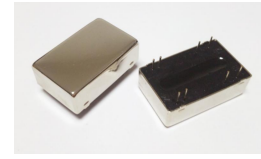


# HNM12W-15W系列

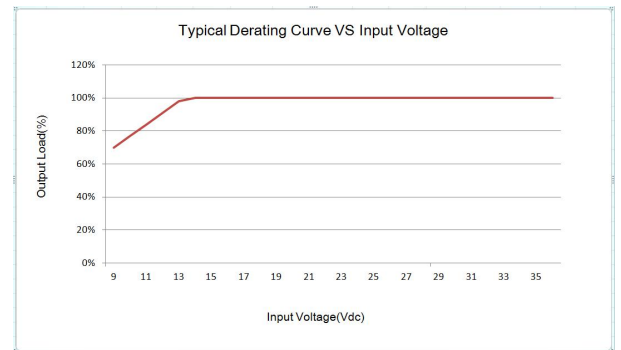
## 隔离型 12W-15W 单路和双路稳压输出 DC/DC 转换器

- 标准 1.2X0.8, 效率高达 85% , 4:1,2:1 输入范围 , 稳压输出
- 固定开关频率, 输入欠压保护, 输出过流保护、短路保护
- 远程 On/Off



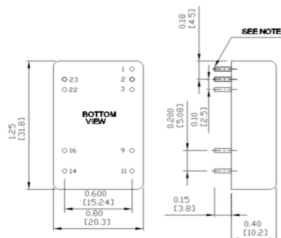
- 电压调整率:  $\pm 0.5\%$  最大
- 负载调整率:  $\pm 1\%$  最大
- 纹波和噪声: 3.3V&5V:  $<100$  mV 峰峰值  
其它输出:  $<1\%V_o$  mV 峰峰值
- 电磁干扰: EN55022, class A and FCC, level A  
(外接电容)
- 短路保护: 持续, 自恢复
- 过流保护: 110%-160%额定输出电流
- 工作温度范围:  $-40^{\circ}\text{C} \sim 100^{\circ}\text{C}$  (壳温)
- 输入/输出 隔离电压: 1500VDC
- 安规: cUL/UL60950-1, EN/IEC60950-1, GB4943
- 外壳: 5 面金属, 优良的散热, EMC 特性
- 远程开关 开:  $>3.5\text{V to } V_{i,max}$  或开路 关:  $<0.5\text{VDC}$

型号	输入电压	输出电压	输出电流	效率
HNM12/15W-24S33	9-36VDC	3.3 VDC	3/4A	80%
HNM12/15W-24S05	9-36VDC	5 VDC	2.4/3A	83%
HNM12/15W-24S12	9-36VDC	12 VDC	1/1.25A	85%
HNM12/15W-24S15	9-36VDC	15 VDC	0.8/1A	85%
HNM12/15W-24S24	9-36VDC	24 VDC	0.5/0.63A	85%
HNM12/15W-24S28	9-36VDC	28 VDC	0.43/0.54A	85%
HNM12/15W-24S48	9-36VDC	48 VDC	0.25 /0.32A	83%
HNM12/15W -24D05	9-36VDC	$\pm 5$ VDC	0.12/0.15A	83%
HNM12/15W-24D12	9-36VDC	$\pm 12$ VDC	0.5/0.63A	85%
HNM12/15W-24D15	9-36VDC	$\pm 15$ VDC	0.4 /0.5A	85%
HNM12/15W-24D24	9-36VDC	$\pm 24$ VDC	0.25 /0.32A	83%
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HNM12/15W-48S33	18-75VDC	3.3 VDC	3/4A	80%
HNM12/15W-48S05	18-75VDC	5 VDC	2.4/3A	83%
HNM12/15W-48S12	18-75VDC	12 VDC	1/1.25A	85%
HNM12/15W-48S15	18-75VDC	15 VDC	0.8/1A	85%
HNM12/15W-48S24	18-75VDC	24 VDC	0.5/0.63A	85%
HNM12/15W-48S28	18-75VDC	28 VDC	0.43/0.54A	85%
HNM12/15W-48S48	18-75VDC	48 VDC	0.25 /0.32A	83%
HNM12/15W-48D05	18-75VDC	$\pm 5$ VDC	0.12/0.15A	83%
HNM12/15W-48D12	18-75VDC	$\pm 12$ VDC	0.5/0.63A	85%
HNM12/15W-48D15	18-75VDC	$\pm 15$ VDC	0.4 /0.5A	85%
HNM12/15W-48D24	18-75VDC	$\pm 24$ VDC	0.25 /0.32A	83%
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HNM12W-110S05	43-160VDC	5 VDC	2.4/3A	83%
HNM12W-110S12	43-160VDC	12 VDC	1/1.25A	85%
HNM12W-110S15	43-160VDC	15 VDC	0.8/1A	85%
HNM12W-110S24	43-160VDC	24 VDC	0.5/0.63A	85%
HNM12W-110S28	43-160VDC	28 VDC	0.43/0.54A	85%
HNM12W-110S48	43-160VDC	48 VDC	0.25 /0.32A	83%



没有 'W' 是指 2:1 输入电压 9-18,18-36,36-75,66-160 VDC, 额定输入电压是 12,24, 48 或者 110 VDC. 15W输入 9VDC-12VDC时, 建议加强散热, 或降至 12 瓦. 尾缀带'H' 是指壳温范围为  $-55^{\circ}\text{C} \sim 105^{\circ}\text{C}$  的军品级产品, 例如: AMDS15W -24S05-H (15W瓦 9-36VDC 4:1 需要输入降额, 15 瓦, 9-18,18-36VDC 2:1 则不需要降额)

NOTE: Pin Size is 0.02 $\pm$ 0.002 Inch (0.5 $\pm$ 0.05 mm)DIA  
All Dimensions In Inches (mm)  
Tolerances Inches: X.XX=  $\pm 0.02$ , X.XXX=  $\pm 0.010$   
Millimeters: X.X=  $\pm 0.5$ , X.XX=  $\pm 0.25$



PIN CONNECTION		
Pin	Single Output	Dual Output
1	Remote on/off	Remote on/off
2,3	-V Input	-V Input
4,5	NP	NP
9	NP	Common
10	NP	NP
11	NC	-V Output
12	NP	NP
13	NP	NP
14	+V Output	+V Output
15	NP	NP
16	-V Output	Common
20,21,24	NP	NP
22,23	+V Input	+V Input

\* NC-NO CONNECTION WITH PIN  
\* NP-NO PIN

