



HDC Series

DC/DC定压隔离1W系列

(DC/DC fixed input 1W)

典型性能 Typical performance

- * 特点: 定电压输入, 隔离非稳定输出, 1W功率 Characteristics: Fixed input, isolation, Unregulated Output, 1W
- * 隔离电压: 1000VDC/3000VDC Isolation voltage: 1000VDC/3000VDC
- * 效率: 高达80% Efficiency: up to 80%
- * 工作温度: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$ Working temperature: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- * MTBF \geq 350万小时 MTBF \geq 35X10⁵Hrs
- * 符合RoHS指令 In line with RoHS codes
- * 线性调节率 (输入电压变化 $\pm 1\%$ 时) $\pm 1.2\%$ Line regulation(once input change $\pm 1\%$) $\pm 1.2\%$
- * 负载调节率 (10%~100%满载) 15% Load regulation(10%~100% full load) 15%
- * 纹波/噪声 (20MHz 带宽) $< 75\text{mVp-p}$ Ripple and noise(20MHz Band width) $< 75\text{mVp-p}$

典型产品列表 Typical product tabulates

型号 TYPE	输出电压范围 Input voltage range	标称输出电压/输出电流 (Nominal output voltage/output current)					
		VO1			VO2		
		电压 (V) Input voltage	最小电流 Min mA	最大电流 Max mA	电压 (V) Input voltage	最小电流 Min mA	最大电流 Max mA
HDC01-□S05S	5V(4.5~5.5VDC)	5V	20mA	200mA			
HDC01-□S09S	12V(10.8~13.2VDC)	9V	11mA	110mA	-5V	-10mA	-100mA
HDC01-□S12S	24V(21.6~26.4VDC)	12V	8mA	83mA	-9V	-5.5mA	-55mA
HDC01-□S15S	48V(43.2~52.8VDC)	15V	6.8mA	68mA	-12V	-4mA	-40mA
HDC01-□S24S		24V	4.2mA	42mA	-15V	-3.3mA	-33mA
HDC01-□D05S		+5V	+10mA	+100mA	-24V	-2.1mA	-21mA
HDC01-□D09S		+9V	+5.5mA	+55mA			
HDC01-□D12S		+12V	+4mA	+40mA			
HDC01-□D15S		+15V	+3.3mA	+33mA			
HDC01-□D24S		+24V	+2.1mA	+21mA			
HDC01-□S05S3		5V	20mA	200mA			
HDC01-□S09S3		9V	11mA	110mA	+5V	+10mA	+100mA
HDC01-□S12S3		12V	8mA	83mA	+9V	+5.5mA	+55mA
HDC01-□S15S3		15V	6.8mA	68mA			
HDC01-□S24S3		24V	4.2mA	42mA			
HDC01-□D05IS		+5V	+10mA	+100mA			
HDC01-□D09IS		+9V	+5.5mA	+55mA			

HDC01-□D12IS		+12V	+4mA	+40mA	+12V	+4mA	+40mA
HDC01-□D15IS		+15V	+3.3mA	+33mA	+15V	+3.3mA	+33mA
HDC01-□D24IS		+24V	+2.1mA	+21mA	+24V	+2.1mA	+21mA

注：□代表输入电压标称值，因篇幅有限，以上知识部分产品列表，若需列表以外产品，请与本公司销售部联系。
 □Shows the nominal value of input voltage, due to space limitations, the above list is only for some products, if other than a list of products, please contact the company's sales department.

封装尺寸 Mechanical Data

封装代号	LxWxH 单位: mm	封装号
A (单路输出)	11.50x10.00x6.00	
B (单路输出)	19.50x10.00x6.00	
C (两路正负输出)	19.50x10.00x6.00	
D (两路隔离输出)	19.50x10.00x6.00	
E (单路输出3000VDC隔离)	19.50x10.00x6.00	

封装尺寸图 Mechanical Data

