

## YD5 YND5 Series

CE RoHS



## 产品主要特性 General Characteristics

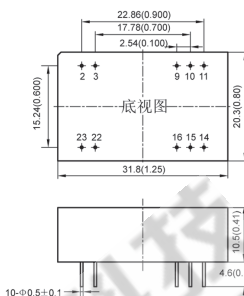
- 2:1 输入范围
- 工作壳温:  $-25^{\circ}\text{C} \sim +95^{\circ}\text{C}$  ( $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$  /YD5)
- 500Vdc 隔离耐压
- 纹波噪声峰峰值低于输出电压 1%
- 输出短路保护, 自恢复
- 2:1 Input Voltage Range
- Case Temperature  $-25^{\circ}\text{C} \sim +95^{\circ}\text{C}$  ( $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$  /YD5)
- I/O-isolation 500Vdc
- Peak to Peak Ripple & Noise Lower Than the Output Voltage 1%
- Output Short-circuit Protection, Self recovery

## 产品选型表 Model Selection Guide

型号 Product Model	输入电压范围 (标称值) Input Voltage Range (Typical)	输出电压 Output Voltage (Vdc)	输出电流 Output Current (A)	典型效率 Efficiency (%)
YND5-12S03	9~18 (12Vdc)	3.3	1.2	74
YD5(YND5)-12S05		5	1	74
YD5(YND5)-12S12		12	0.42	74(77)
YD5(YND5)-12S15		15	0.33	74(77)
YD5(YND5)-12S24		24	0.21	77
YD5(YND5)-12D05		$\pm 5$	$\pm 0.5$	77
YD5(YND5)-12D12		$\pm 12$	$\pm 0.2$	78(77)
YD5(YND5)-12D15		$\pm 15$	$\pm 0.17$	78
YND5-24S03	18~36 (24Vdc)	3.3	1.2	74
YD5(YND5)-24S05		5	1	76(78)
YD5(YND5)-24S12		12	0.42	78
YD5(YND5)-24S15		15	0.33	78
YD5(YND5)-24S24		24	0.21	79
YD5(YND5)-24D05		$\pm 5$	$\pm 0.5$	78
YD5(YND5)-24D12		$\pm 12$	$\pm 0.2$	78(79)
YD5(YND5)-24D15		$\pm 15$	$\pm 0.17$	80
YND5-48S03	36~72 (48Vdc)	3.3	1.2	77
YD5(YND5)-48S05		5	1	78(79)
YD5(YND5)-48S12		12	0.42	79
YD5(YND5)-48S15		15	0.33	79
YD5(YND5)-48S24		24	0.21	80
YD5(YND5)-48D05		$\pm 5$	$\pm 0.5$	78
YD5(YND5)-48D12		$\pm 12$	$\pm 0.2$	79
YD5(YND5)-48D15		$\pm 15$	$\pm 0.17$	80

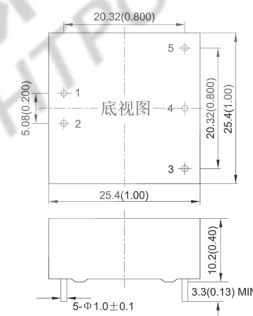
## 封装尺寸和管脚定义图 Outline Diagram And Pin Out

YD5



定义 Pin Out	单路 Single Output	双路 Dual Output
2	-Vin	-Vin
3	-Vin	-Vin
9	NC	COM
10	NC	NC
11	NC	Vo2
14	+Vo	Vo1
15	NC	NC
16	-Vo	COM
22	+Vin	+Vin
23	+Vin	+Vin

YND5



定义 Pin Out	单路 Single Output	双路 Dual Output
1	+Vin	+Vin
2	-Vin	-Vin
3	-Vo	Vo2
4	NP	COM
5	+Vo	Vo1