

ZDV12 / ZDV15 Series

15W 9-36V Input Isolated Regulated DC/DC Converter in DIP Package

Features:

- ◆ Small DIP package
- ◆ Shell temperature range: -40°C to +105°C
- ◆ Isolation voltage: 500-1500Vdc
- ◆ High efficiency can reach up to 86%.
- ◆ Output short-circuit protection, self-recovery
- ◆ low ripple noise

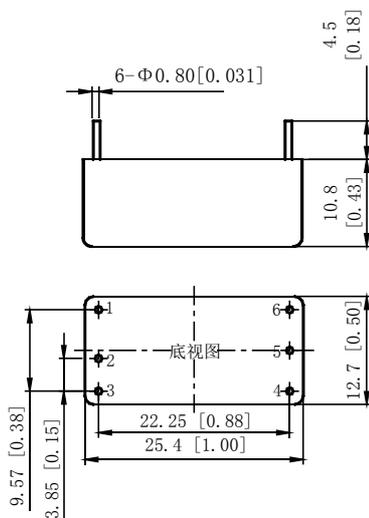


Product Selection Table

Product model	Input Voltage (Vdc)	Output voltage (Vd)	Output current (mA)	Efficiency (%)	Product model	Input Voltage (Vdc)	Output voltage (Vd)	Output current (mA)	Efficiency (%)
ZDV15M-24BS3V31	9~36 (24Vdc)	3.3	4000	88	ZDV15M-24BS151	9~36 (24Vdc)	15	1000	90
ZDV15M-24BS51		5	3000	89	ZDV15M-24BS281		28	540	90
ZDV15M-24BS121		12	1250	90	ZDV15M-24BD151		±15	±500	90
ZDV12-24BS81		8	1500	85	ZDV15M-24BD121		±12	±625	90

Note: This is a dual-output model with positive output voltage stabilization and negative output following the positive output. The cross-regulation rate is typically 10%. For details, refer to the product technical specification

Encapsulation size



Pins	Single	Double
1	+Vin	+Vin
2	-Vin	-Vin
3	CNT	CNT
4	-Vo	-Vo
5	Trim	COM
6	+Vo	+Vo

Note:

Shell material: Metal shell with shielding plate

Pin material: Gold-plated or tin-plated brass

Units:mm[inchs]

Unspecified tolerance:

X.X±0.5 [X.XX±0.02] X.XX±0.25 [X.XXX±0.010]

Pin diameter tolerance:±0.1[±0.004]