

V36SE Series

FEATURES

Electrical

- Efficiency update to 91%
- Wide 4:1 input range
- OTP, Input UVLO, Output OCP, OVP
- Isolation and basic insulation
- Pre-biased startup
- No minimum load required
- Remote ON/OFF
- Remote sense

Safety & Certificate

- IEC/EN/UL/CSA 62368-1
- IEC/EN/UL/CSA 60950-1

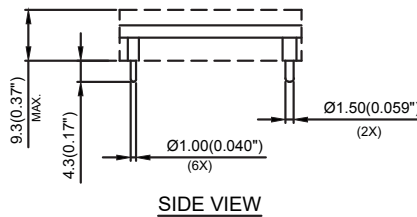
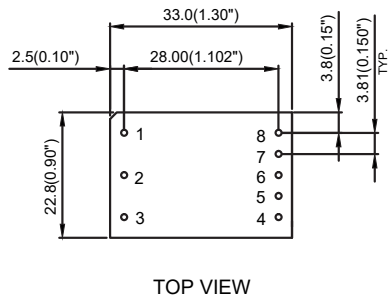


Isolated DC-DC Open-frame Power Module

SPECIFICATIONS

Part Number	Input Voltage	Output Voltage	Vo trim range	Output Current	Output Power	Efficiency	Isolation Voltage	Size (LxWxH)
V36SE3R315	18~75V	3.3V	2.64~3.63V	15A	50W	90.5%	2250V	33 x 22.8 x 9.3 mm
V36SE05010	18~75V	5V	4~5.5V	10A	50W	91.0%	2250V	33 x 22.8 x 9.3 mm
V36SE12004	18~75V	12V	9.6~13.2V	4.2A	50W	88.0%	2250V	33 x 22.8 x 8.7 mm
V36SE12005	18~75V	12V	9.6~13.2V	5A	60W	88.0%	2250V	33 x 22.8 x 8.7 mm

MECHANICAL DRAWING



Pin#	Function	D_pin
1	VIN(+)	Ø1.00
2	ON/OFF	Ø1.00
3	VIN(-)	Ø1.00
4	VOU(-)	Ø1.50
5	SENSE(-)	Ø1.00
6	TRIM	Ø1.00
7	SENSE(+)	Ø1.00
8	VOU(+)	Ø1.50

PART NUMBERING SYSTEM

V	36	S	E	050	10	N	R	F	A
Form Factor	Input Voltage	Number of Outputs	Product Series	Output Voltage	Output Current	ON/OFF Logic	Pin Length Pin Type	RoHS	Option Code
V - 1/16 Brick	36 - 18~75V	S - Single	E - Family Name	3R3 - 3.3V 050 - 5V 120 - 12V	04 - 4.2A 05 - 5A 10 - 10A 15 - 15A	N - Negative P - Positive	K - 0.110" N - 0.145" R - 0.170" M - SMD	F - RoHS 6/6 (Lead Free) Space - RoHS 5/6	A - Standard Functions