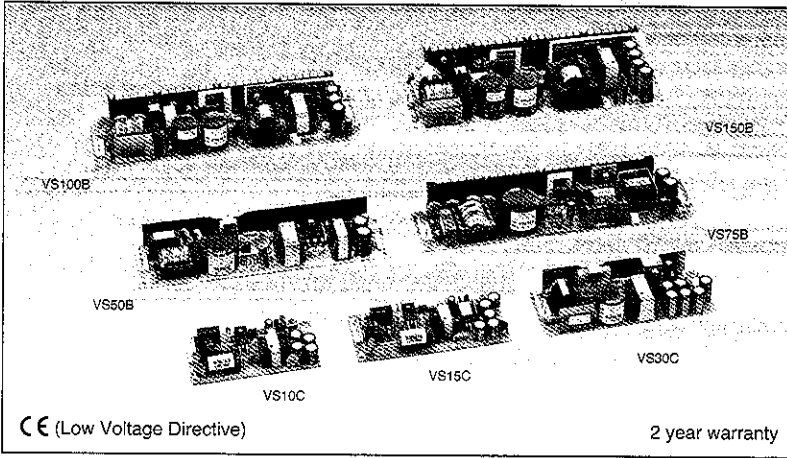




Model name VS 100B-24

Series Name Output Wattage Rated Output Voltage

Features

- CE marking (Low Voltage Directive)
- Input: 100VAC(85~132VAC)
- Single Output:10W,15W,30W,50W,75W,100W,150W
- Low Cost
- PCB Type Power Supply
- Applicable to various use;
Game, Printer & Communication Terminal Units
- 2 year warranty

Specifications

1. Input voltage range	85 ~ 132VAC (47 ~ 440Hz), 110 ~ 175VDC
2. Output voltage range	± 10%
3. Cooling	Convection cooling
4. Operating ambient temperature (Standard mounting)	VS10C~VS100B / -10°C~+60°C(-10°C~+50°C:100%, +60°C:70%) VS50B-24 / -10°C~+40°C:100%, +50°C:88%, +60°C:62% VS150B / Convection cooling -10°C~+25°C:100%, +35°C:90%, +50°C:80%, +60°C:60% Forced air cooling -10°C~+50°C:100%, +60°C:70% (0.7m/s)
5. Withstand voltage	Input-output: 2kVAC(20mA), input-FG: 2kVAC(20mA), output-FG: 500VAC(100mA) for 1 min.
6. Safety standard	Approved by UL1950  , CSA950(C-UL)  , EN60950(TUV) 
7. CE marking	Conforms to Low Voltage Directive
8. EMI	Meets to FCC-B, VCCI-B
9. Functions	Over voltage protection, Over current protection

Product lineup

Model name	Nominal output voltage	Max. output current	Max. output power	UL	CSA	EN
VS10C	VS10C-3	3.3V	2.0A	6.6W	○	○
	VS10C-5	5V	2.0A	10.0W	○	○
	VS10C-12	12V	0.9A	10.8W	○	○
	VS10C-15	15V	0.7A	10.5W	○	○
VS15C	VS15C-24	24V	0.5A	12.0W	○	○
	VS15C-3	3.3V	3.0A	9.9W	○	○
	VS15C-5	5V	3.0A	15.0W	○	○
	VS15C-12	12V	1.3A	15.6W	○	○
VS30C	VS30C-15	15V	1.0A	15.0W	○	○
	VS30C-24	24V	0.7A	16.8W	○	○
	VS30C-3	3.3V	6.0A	19.8W	○	○
	VS30C-5	5V	6.0A	30.0W	○	○
VS30C	VS30C-12	12V	2.5A	30.0W	○	○
	VS30C-15	15V	2.0A	30.0W	○	○
	VS30C-24	24V	1.3A	31.2W	○	○
	VS30C-36	36V	0.9A	32.4W	○	○
VS30C	VS30C-48	48V	0.7A	33.6W	○	○

Note 1: Duration at peak current: 10 seconds max. (Duty: 0.35 max.)
 ● Based on the data under normal installation. Needs output derating according to installation method or ambient temperature condition.
 ● For VS150B, based on the data with forced air cooling (0.7m/s).
 Needs output derating according to installation method or ambient temperature, or at convection air cooling.

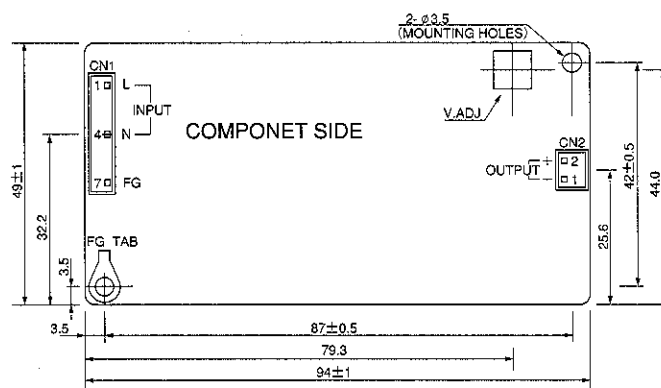
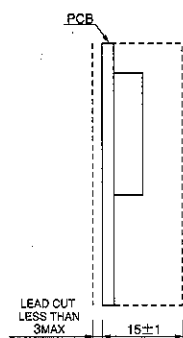
Model name	Nominal output voltage	Max. output current	Max. peak output current	Max. output power	Max. peak output power	UL	CSA	EN
VS50B	VS50B-3	3.3V	10.0A	12.0A	33.0W	39.6W	○	○
	VS50B-5	5V	10.0A	12.0A	50.0W	60.0W	○	○
	VS50B-12	12V	4.3A	5.16A	51.6W	61.92W	○	○
	VS50B-15	15V	3.5A	4.2A	52.5W	63.0W	○	○
VS75B	VS75B-24	24V	2.5A	3.0A	60.0W	72.0W	○	○
	VS75B-3	3.3V	15.0A	18.0A	49.5W	59.4W	○	○
	VS75B-5	5V	15.0A	18.0A	75.0W	90.0W	○	○
	VS75B-12	12V	6.3A	7.56A	75.6W	90.72W	○	○
VS100B	VS100B-15	15V	5.0A	6.0A	75.0W	90.0W	○	○
	VS100B-24	24V	3.2A	3.84A	76.8W	92.16W	○	○
	VS100B-36	36V	2.1A	2.52A	75.6W	90.72W	○	○
	VS100B-48	48V	1.6A	1.92A	76.8W	92.16W	○	○
VS150B	VS150B-3	3.3V	20.0A	24.0A	66.0W	79.2W	○	○
	VS150B-5	5V	20.0A	24.0A	100.0W	120.0W	○	○
	VS150B-12	12V	8.5A	10.2A	102.0W	122.4W	○	○
	VS150B-15	15V	7.0A	8.4A	105.0W	126.0W	○	○
VS150B	VS150B-24	24V	4.3A	5.16A	103.2W	123.84W	○	○
	VS150B-36	36V	3.0A	3.6A	108.0W	129.6W	○	○
	VS150B-48	48V	2.2A	2.64A	105.6W	126.72W	○	○
	VS150B-3	3.3V	30.0A	36.0A	99.0W	118.8W	○	○
VS150B	VS150B-5	5V	30.0A	36.0A	150.0W	180.0W	○	○
	VS150B-12	12V	12.5A	15.0A	150.0W	180.0W	○	○
	VS150B-15	15V	10.0A	12.0A	150.0W	180.0W	○	○
	VS150B-24	24V	6.3A	7.56A	151.2W	181.44W	○	○
VS150B	VS150B-36	36V	4.2A	5.04A	151.2W	181.44W	○	○
	VS150B-48	48V	3.2A	3.84A	153.6W	184.32W	○	○

○ : Safety standard approved

VS-SERIES

LAMBDA
DENSEI-LAMBDA

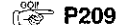
VS10C



● Recommended Noise Filter

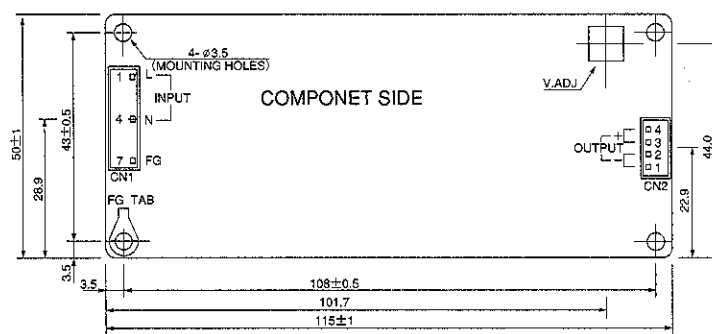
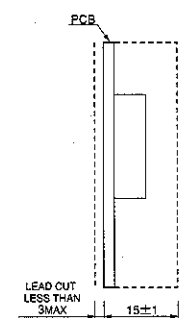


● Recommended Wire harness



(Unit: mm)

VS15C



● Recommended Noise Filter

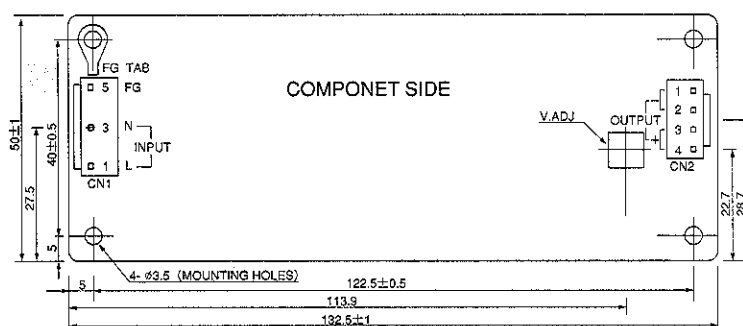
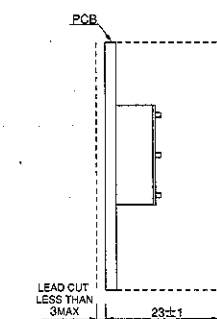


● Recommended Wire harness



(Unit: mm)

VS30C



● Recommended Noise Filter



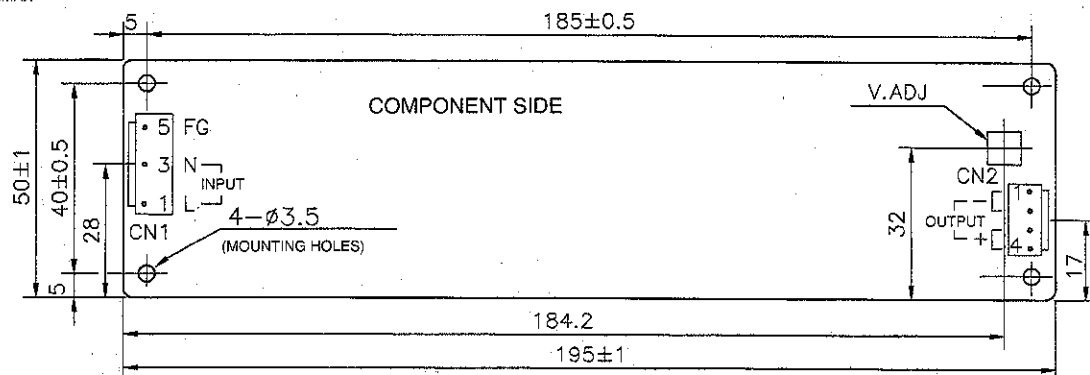
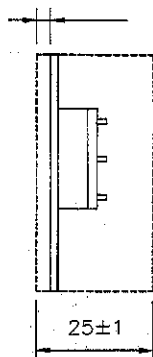
● Recommended Wire harness



(Unit: mm)

VS50B

LEAD CUT LESS THAN 3MAX



● Recommended Noise Filter



● Recommended Wire harness



(Unit: mm)

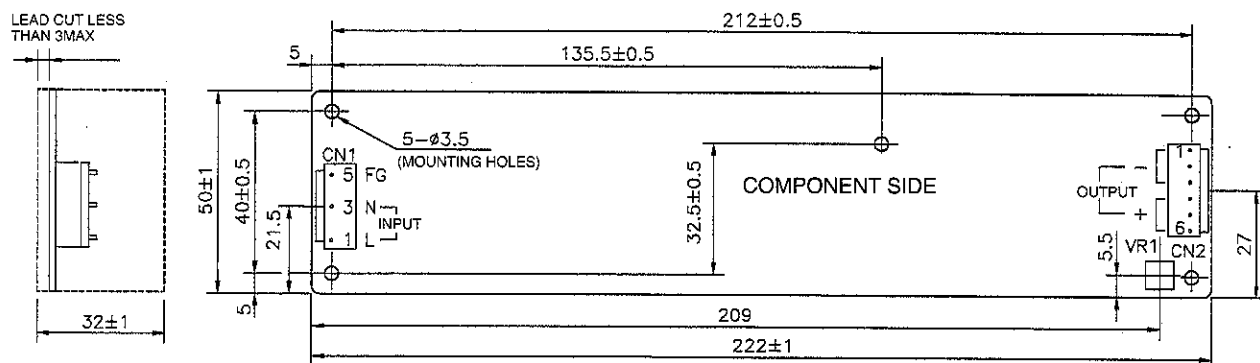
Height: 25mm
Height also includes 3mm of parts lead length for PC board soldering surface.

PC Board Type Power Supply

VS-SERIES

LAMBDA
DENSEI-LAMBDA

■ VS75B



Height: 32mm
Height also includes 3mm of parts lead length for PC board soldering surface.

● Recommended Noise Filter

MAW-1203-22



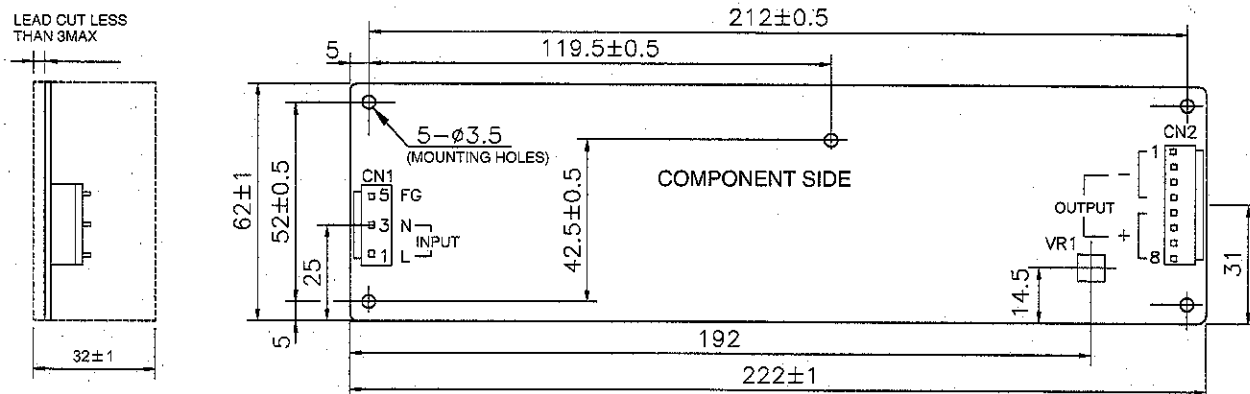
GO!!
P134

● Recommended Wire harness

P209

(Unit: mm)

■ VS100B



Height: 32mm
Height also includes 3mm of parts lead length for PC board soldering surface.

● Recommended Noise Filter

MAW-1205-22



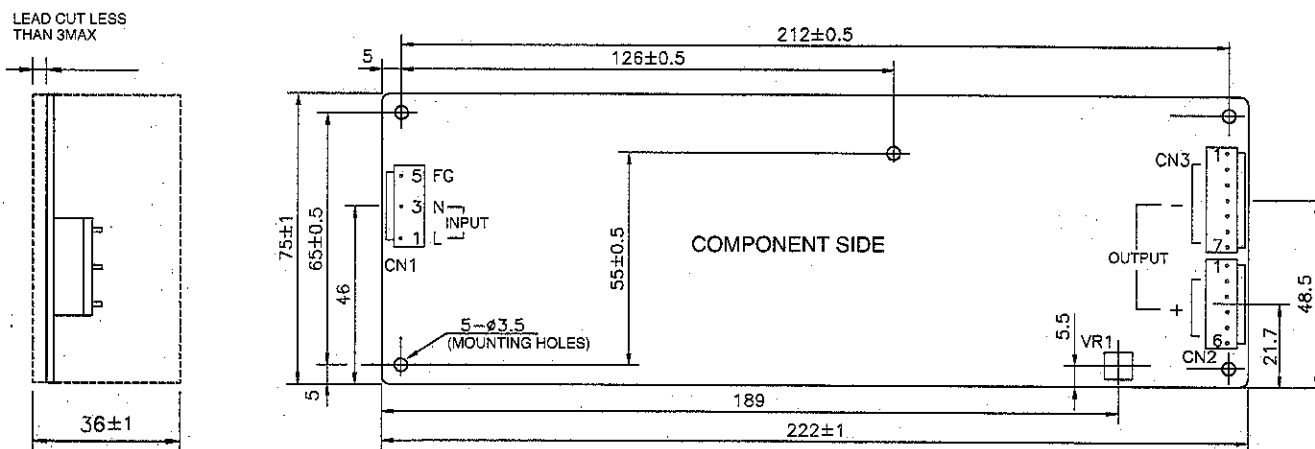
GO!!
P134

● Recommended Wire harness

P209

(Unit: mm)

■ VS150B



Height: 36mm
Height also includes 3mm of parts lead length for PC board soldering surface.

● Recommended Noise Filter

MAW-1205-22



GO!!
P134

● Recommended Wire harness

P209

(Unit: mm)