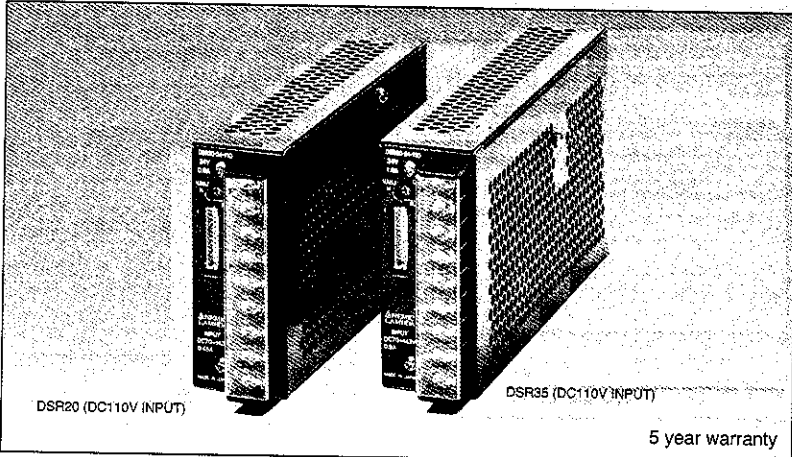


# DSR (Input : 110VDC)-SERIES

Single output 20W ~ 35W

**LAMBDA**  
DENSEI-LAMBDA

Unit Type Power Supply



## Model name

# DSR 35-5-110

Nominal output voltage: 2 ~ 48V      Input voltage: 110: 70 ~ 143VDC  
Name of series      Output power: 20W, 35W

## Features

- 110VDC input, Single output
- Long life and high reliability  
Over 10 years lifetime at 40°C, full load  
Vibration: 5G max.
- Wide operating temperature range: -20 ~ +71°C
- Low input surge current 3.7A

## Specifications

1. Input voltage range	DC 70 ~ 143V
2. Output voltage range	± 10%
3. Line regulation	0.4% (DC18 ~ 32V/DC32 ~ 63V, at constant load/output 2V : 20mV)
4. Load regulation	0.4% (No load – full load, at constant input voltage/output 2V : 20mV)
5. Cooling	Convection cooling
6. Operating ambient temperature (Standard mounting)	-20 ~ +71°C
7. Withstand voltage	Input-output: 2.5kVAC, input-FG: 2.5kVAC for 1 min.(20mA), Output-FG: 500VAC for 1 min.(100mA)
8. Vibration	When not operating 10 ~ 55Hz, amplitude 0.825mm constant (MAX. 5G), Sweep for 1 min., X, Y and Z axes for 1 hour
9. Functions	Over voltage protection, Over current protection, Thermal protection, Remote on/off control Low input protection, Power failure (Low output voltage detection signal)

## Product lineup

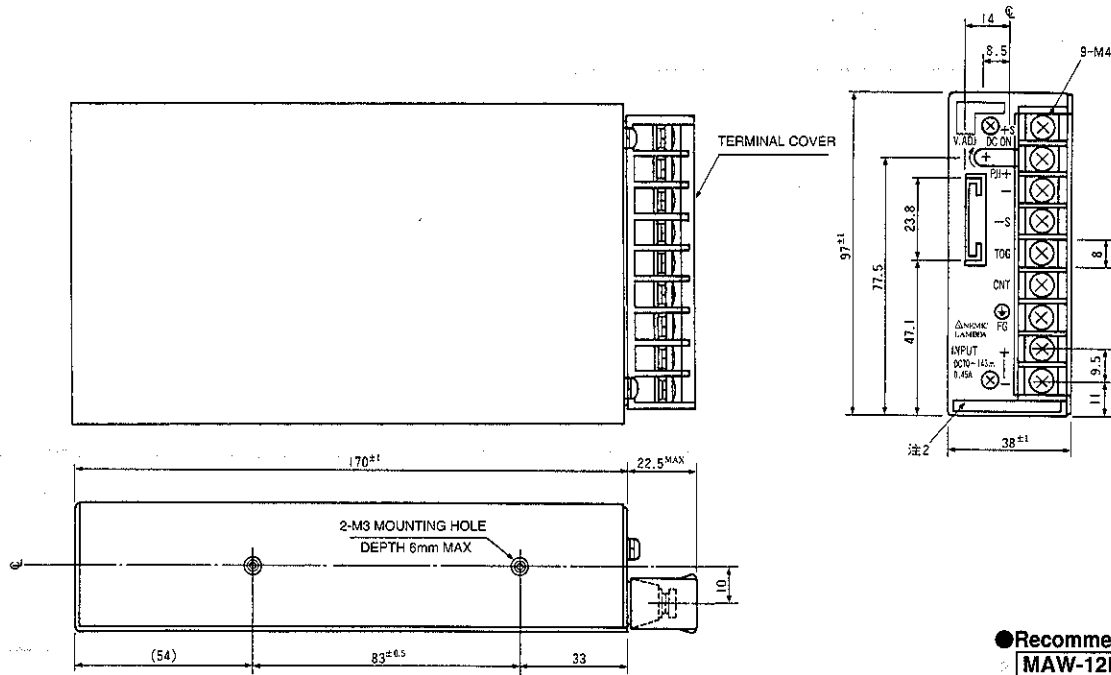
Model name	Nominal output voltage	Max. output current	Max. output power	UL	CSA	
DSR20	DSR20-2-110	2V	4.0A	8.0W	Δ	Δ
	DSR20-5-110	5V	4.0A	20.0W	Δ	Δ
	DSR20-6-110	6V	3.3A	19.8W	Δ	Δ
	DSR20-12-110	12V	1.7A	20.4W	Δ	Δ
	DSR20-15-110	15V	1.4A	21.0W	Δ	Δ
	DSR20-24-110	24V	0.9A	21.6W	Δ	Δ
	DSR20-40-110	40V	0.5A	20.0W	Δ	Δ
	DSR20-48-110	48V	0.4A	19.2W	Δ	Δ
DSR35	DSR35-2-110	2V	7.0A	14.0W	Δ	Δ
	DSR35-5-110	5V	7.0A	35.0W	Δ	Δ
	DSR35-6-110	6V	6.0A	36.0W	Δ	Δ
	DSR35-12-110	12V	3.0A	36.0W	Δ	Δ
	DSR35-15-110	15V	2.6A	39.0W	Δ	Δ
	DSR35-24-110	24V	1.8A	43.2W	Δ	Δ
	DSR35-40-110	40V	1.0A	40.0W	Δ	Δ
	DSR35-48-110	48V	0.9A	43.2W	Δ	Δ


- Request customer specification for further details of specifications, outline, characteristics, etc. Read the instruction manual before usage.
- Contact us about delivery before ordering.

Δ : Conforms to safety standard

# DSR-SERIES

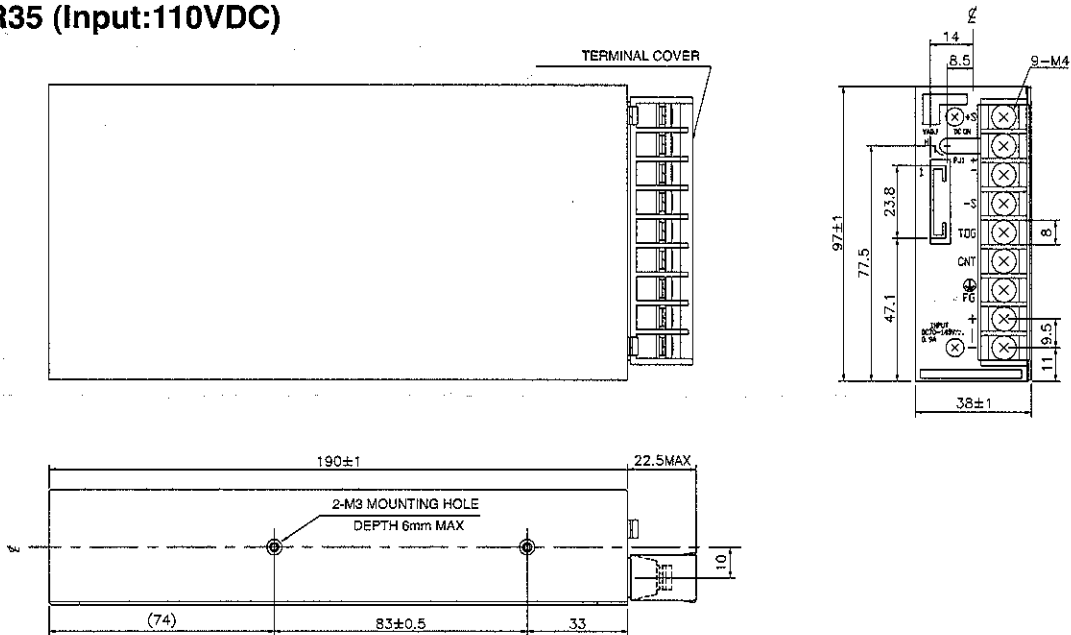
## ■ DSR20 (Input:110VDC)




● Recommended Noise Filter  
**MAW-12R5-22** GO!!  
  
P134

(Unit: mm)

## ■ DSR35 (Input:110VDC)



● Recommended Noise Filter  
**MAW-1201-22** GO!!  
  
P134

(Unit: mm)