

JSF50-3R3-□

Series name

Total output wattage

Output voltage combination

Option
None : Bottom, Top case included
B : Bottom case only included

Features:

- 50 Watt
- Low cost
- Inrush current limit
- Wide input voltage range (Universal input voltage or user selectable voltage)
- Over voltage protection
- Over current protection
- 3 year warranty



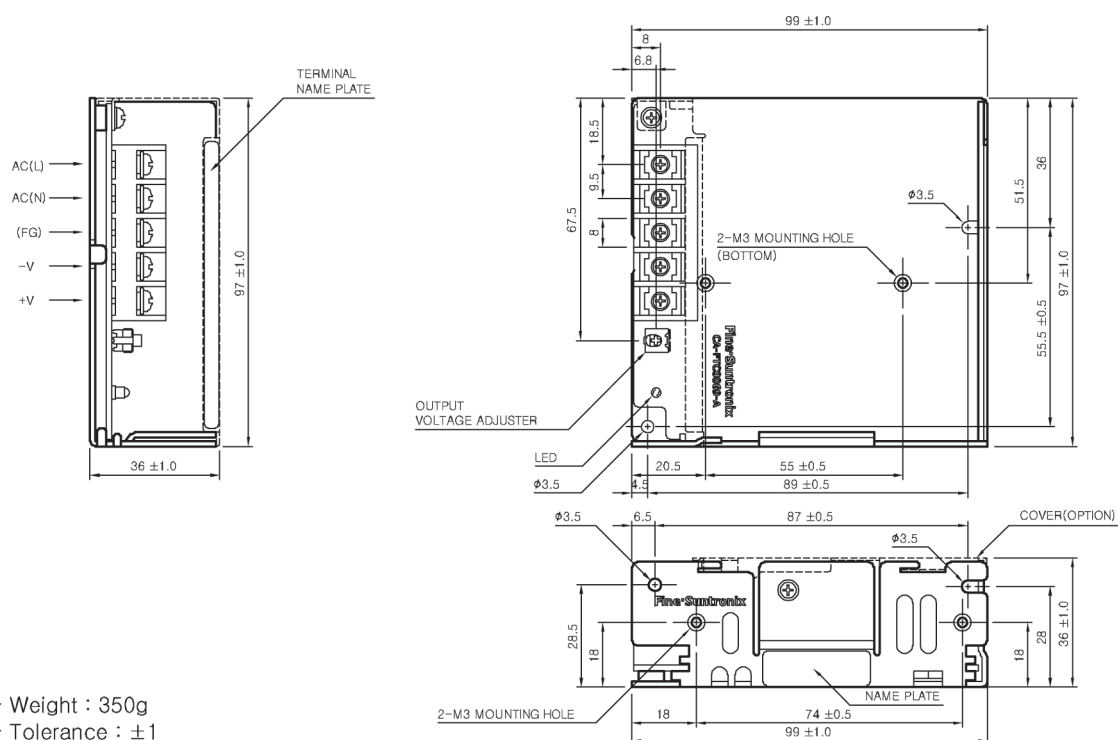
JSF50-S Specifications



	MODEL	JSF50-3R3	JSF50-05	JSF50-09	JSF50-12	JSF50-15	JSF50-24	JSF50-48
INPUT	VOLTAGE, FREQUENCY	AC 100-240V (AC 88 ~ 264V or DC 125 ~ 370V), 50/60Hz (47 ~ 440Hz), Universal input voltage						
	CURRENT [A]	110V	1.3 (I _o =100%)					
		220V	0.8 (I _o =100%)					
	EFFICIENCY [%]	110V	75 typ	80 typ	81 typ	84 typ	86 typ	86 typ
		220V						
OUTPUT	INRUSH CURRENT	20A typ (AC IN 110V I _o =100%), 40A typ (AC IN 220V, I _o =100%) at cold start						
	VOLTAGE [V]	3.3	5	9	12	15	24	48
	CURRENT [A]	10	10	5.6	4.2	3.4	2.2	1.1
	REGULATION, LINE [mV]	17 Max	25 Max	45 Max	60 Max	75 Max	120 Max	240 Max
	REGULATION, LOAD [mV]	66 Max	50 Max	90 Max	60 Max	75 Max	120 Max	240 Max
	RIPPLE *NOTE1 [mVp-p]	50 Max	50 Max	100 Max	100 Max	100 Max	100 Max	180 Max
	RIPPLE NOISE *NOTE1 [mVp-p]	80 Max	80 Max	120 Max	120 Max	120 Max	120 Max	200 Max
	TEMPERATURE DRIFT 0 ~ 50°C [mV]	50 Max	75 Max	135 Max	180 Max	225 Max	360 Max	720 Max
	RISE TIME [ms]	1200 Max (AC IN 100V I _o =100%)						
	HOLDING TIME [ms]	14 typ (AC IN 100V I _o =100%)						
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically						
	OVER VOLTAGE PROTECTION	Works at 115 ~ 140% of rating						
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC 3,000V 1 minute current 20 mA, DC 500V 100MΩ (At room temperature & humidity)						
	INPUT-CASE, FG	AC 2000V 1 minute current 20 mA, DC 500V 100MΩ (At room temperature & humidity)						
	OUTPUT-CASE,FG	AC 500V 1 minute current 100 mA, DC 500V 100MΩ (At room temperature & humidity)						
ENVIRONMENT	OPERATING TEMP AND HUMID	-10 ~ +70°C (Required derating), 20 ~ 90% RH (Non condensing)						
	STORAGE TEMP AND HUMID	-20 ~ +75°C, 20 ~ 90% RH (Non condensing)						
	VIBRATION	10 ~ 55Hz at 1G, 3 minute period, 30 minutes along X, Y and Z axis						
	IMPACT	10G for 20ms, once on each X, Y and Z axis						
SAFETY	SAFETY REGULATION	UL, C-UL, CE, CB						
	LINE CONDUCTED RF VOLTAGE	Complies with EN55011/EN55022-B, FCC-B						

*NOTE1 : Ripple & Noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor

JSF50-S External View



- * Weight : 350g
- * Tolerance : ± 1
- * Dimensions in mm

Data sheets are subject to change without notice, please check with our sales office before ordering.

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