



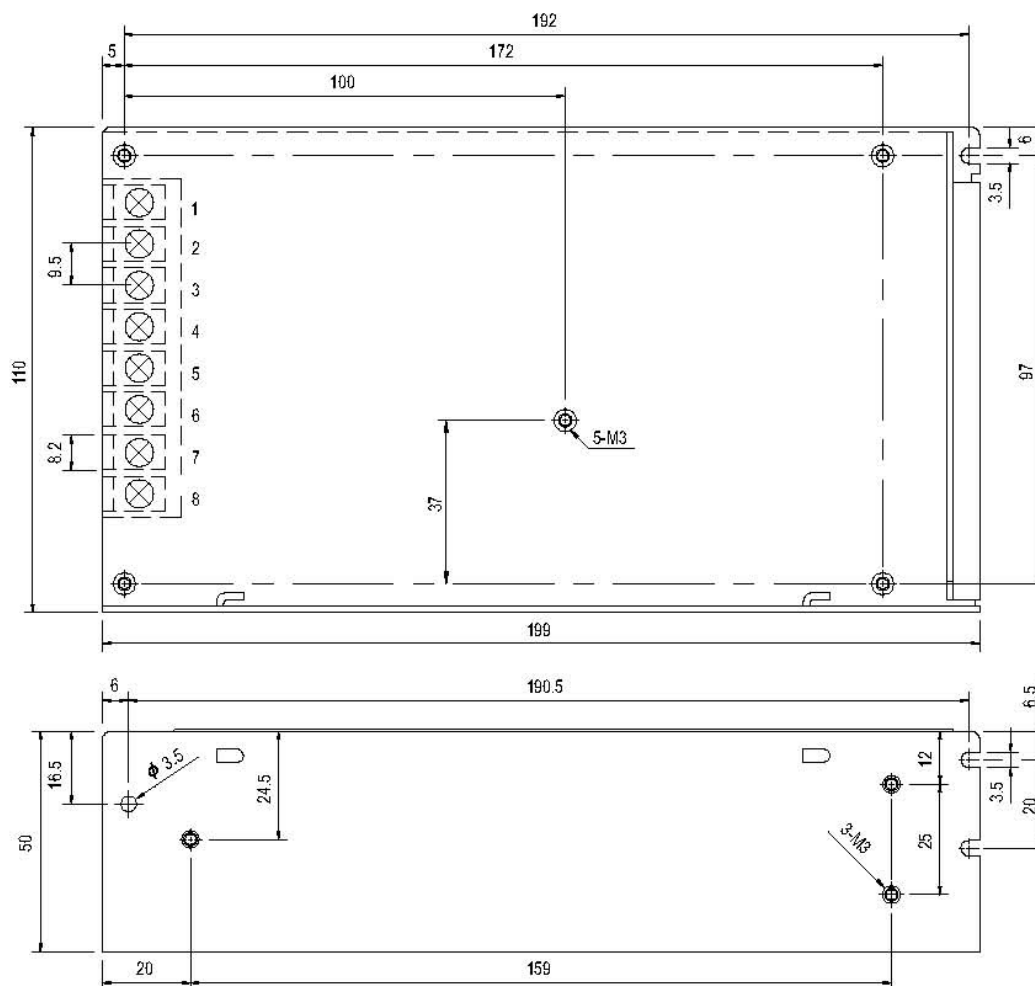
Features :

- AC input range selected by switch
- Protections: Short circuit/Over load/Over voltage
- 100% full load burn-in test
- Fixed switching frequency at 25KHz

MODEL		T-100C			T-100D		
OUTPUT	DC VOLTAGE	5V	15V	-15V	5V	12V	-24V
	RATED CURRENT	10A	2.5A	1A	6A	2A	2A
	CURRENT RANGE	2-12A	0.2-2.5A	0.1-1A	2-12A	0.1-2A	0.2-2A
	RATED POWER	100W			102W		
	RIPPLE & NOISE (max.) Note.2	80mVp-p	150mVp-p	150mVp-p	80mVp-p	1500mVp-p	150mVp-p
	VOLTAGE ADJ. RANGE	CH1 : 4.75 ~ 5.5V			CH1 : 4.75 ~ 5.5V		
	VOLTAGE TOLERANCE Note.3	±2%	±6%	±6%	±2%	±6%	±6%
	LINE REGULATION	±0.5%	±1%	±1%	±0.5%	±1%	±1%
	LOAD REGULATION	±1%	±5%	±5%	±1%	±5%	±5%
	SETUP, RISE, HOLD TIME	200ms,50ms,16ms					
INPUT	VOLTAGE RANGE	85 ~ 132VAC / 170 ~ 264VAC selected by switch 240 ~ 370VDC					
	FREQUENCY RANGE	47 ~ 63Hz					
	EFFICIENCY (Typ.)	77%			79%		
	AC CURRENT	2.5A/115VAC 1.25A/230VAC					
	INRUSH CURRENT (max.)	COLD START 30A/115VAC 60A/230VAC					
	LEAKAGE CURRENT	<0.5mA/ 240VAC					
PROTECTION	OVERLOAD	105 ~ 150% rated output power.					
		Protection type : Fold back current limiting, recovers automatically after fault condition is removed.					
ENVIRONMENT	WORKING TEMP.	-10 ~ +60°C (Refer to output load derating curve)					
	WORKING HUMIDITY	20 ~ 90% RH non-condensing					
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C , 10 ~ 95% RH					
	TEMP. COEFFICIENT	±0.03%/ °C(0 ~ 50°C)					
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes					
SAFETY & EMC (Note 4)	SAFETY STANDARDS	Design refer to UL1012					
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC					
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC					
OTHERS	MTBF	463.1K hrs min. MIL-HDBK-217F (25C)					
	DIMENSION	199*110*50mm(L*W*H)					
	PACKING	0.795Kg; 16pcs/14.27Kg/0.0287CMB					
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 °C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation.						

Mechanical Specification

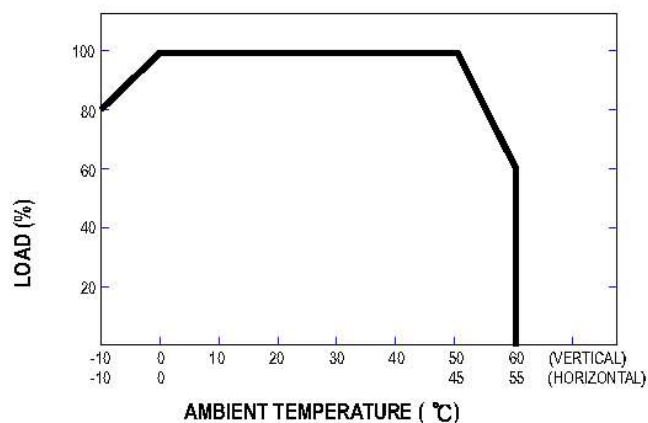
Unit: mm



Terminal Pin. No Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4,5,6	DC OUTPUT
2	AC/N	7	DC OUTPUTCOM
3	FG $\perp$	8	DC OUTPUT+5V

MODEL	T-100C	T-100D
Pin No.		
4	+15V	+24V
5	-15V	+12V
6	NC	NC

Derating Curve

Static Characteristics(B)
