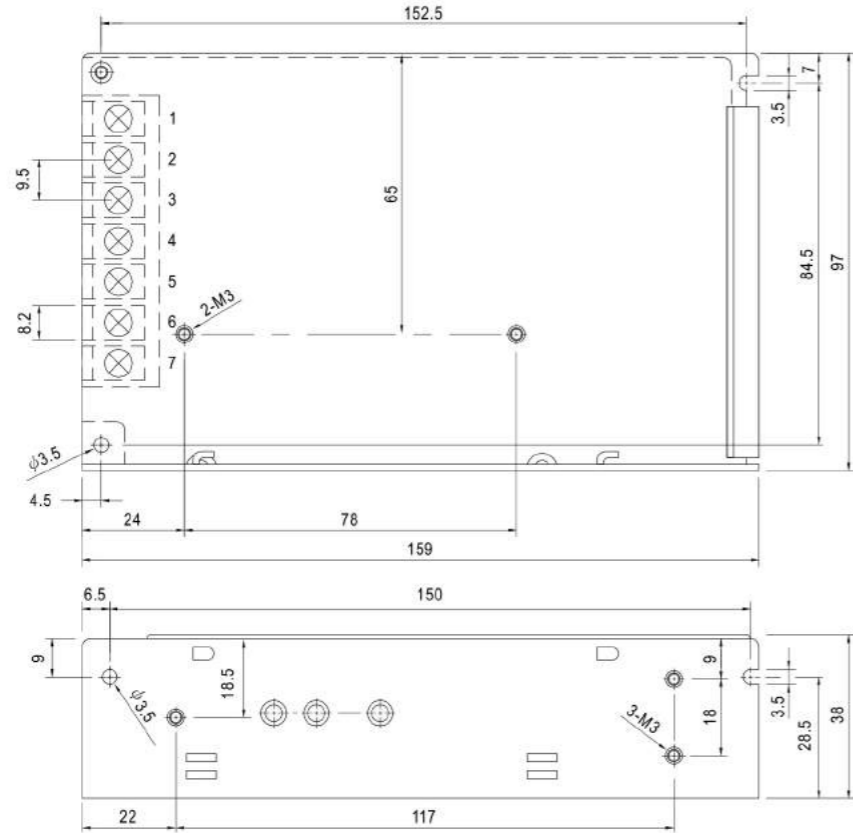


■ Mechanical Specification

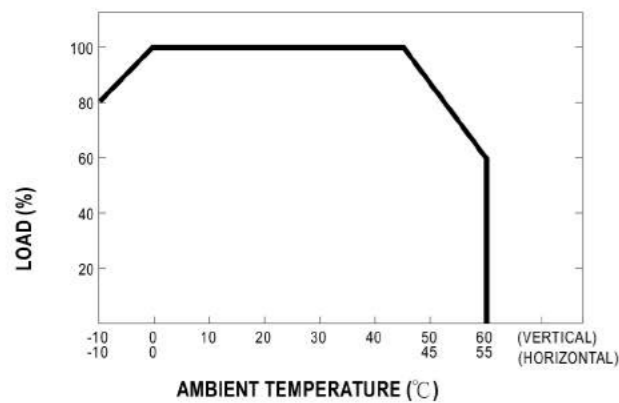
Case No. 901 Unit:mm



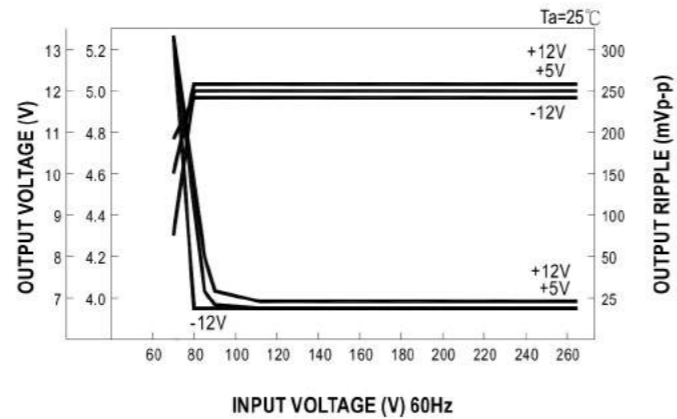
Terminal Pin. No Assignment

Pin No.	Assignment	Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT -V	7	DC OUTPUT +V1
2	AC/N	5	DC OUTPUT +V2		
3	FG	6	DC OUTPUT COM		

■ Output Derating



■ Static Characteristics (B)



■ Features :

- Universal AC input / Full range
- Protections: Short circuit/Over load/Over voltage
- Cooling by free air convection
- LED indicator for power on
- Fixed switching frequency at 50KHz



SPECIFICATION

MODEL	T-60A	T-60B	T-60C	
OUTPUT	DC VOLTAGE	5V 12V -5V	5V 12V -12V	5V 15V -15V
	RATED CURRENT	5A 2.5A 0.5A	5A 2.5A 0.5A	5A 2A 0.5A
	CURRENT RANGE	0.5 ~ 5A 0.2 ~ 2.5A 0 ~ 0.5A	0.5 ~ 5A 0.2 ~ 2.5A 0 ~ 0.5A	0.5 ~ 5A 0.2 ~ 2A 0 ~ 0.5A
	RATED POWER	57.5W	61W	62.5W
	RIPPLE & NOISE (max.) Note.2	100mVp-p 100mVp-p 100mVp-p	100mVp-p 100mVp-p 100mVp-p	100mVp-p 100mVp-p 100mVp-p
	VOLTAGE ADJ. RANGE	CH1 : 4.75 ~ 5.5V		CH1 : 4.75 ~ 5.5V
	VOLTAGE TOLERANCE Note.3	±2.0% ±6.0% ±6.0%	±2.0% ±6.0% ±6.0%	±2.0% ±6.0% ±6.0%
	LINE REGULATION	±0.5% ±1.0% ±0.5%	±0.5% ±1.0% ±0.5%	±0.5% ±1.0% ±0.5%
	LOAD REGULATION	±1.0% ±4.0% ±1.0%	±1.0% ±4.0% ±1.0%	±1.0% ±4.0% ±1.0%
	SETUP, RISE, HOLD TIME	300ms, 50ms, 80ms/230VAC 800ms, 50ms, 10ms/115VAC at full load		
INPUT	VOLTAGE RANGE	85 ~ 132VAC/170 ~ 264VAC selected by switch 240 ~ 370VDC		
	FREQUENCY RANGE	47 ~ 63Hz		
	EFFICIENCY(Typ.)	72%	72%	72%
	AC CURRENT	2A/115VAC 1A/230VAC		
	INRUSH CURRENT(max.)	COLD START 30A/115VAC 60A/230VAC		
LEAKAGE CURRENT	<3.5mA / 240VAC			
PROTECTION	OVER LOAD	105 ~ 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed		
	WORKING TEMP.	-10 ~ +60°C (Refer to output load derating curve)		
ENVIRONMENT	WORKING HUMIDITY	20 ~ 90% RH non-condensing		
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH		
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C) on +5V output		
	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes		
SAFETY & EMC (Note 4)	SAFETY STANDARDS	UL1012, UL60950, TUV EN60950 Approved		
	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	EMI CONDUCTION & RADIATION	Compliance to EN55022 (CISPR22) Class B		
	HARMONIC CURRENT	Compliance to EN61000-3-2, -3		
	EMS IMMUNITY	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11; ENV50204, EN55024, Light industry level, criteria A		
NOTE	MTBF	281.1K hrs min. MIL-HDBK-217F (25°C)		
	DIMENSION	159*97*38mm (L*W*H)		
	PACKING	0.55Kg; 24pcs/14.1Kg/0.75CUFT		

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.
4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.