

Country of Origin :	Taiwan
Operating Temperature :	-10 ~ 60° C
Dimension :	129 x 98 x 38 mm
Approvals / Marks :	CE, CSA, NRTLCL



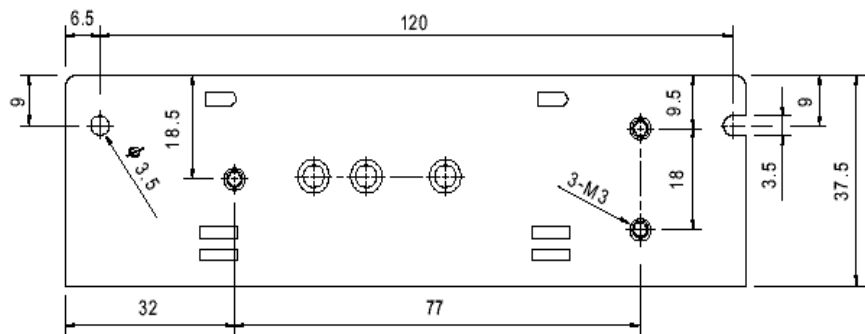
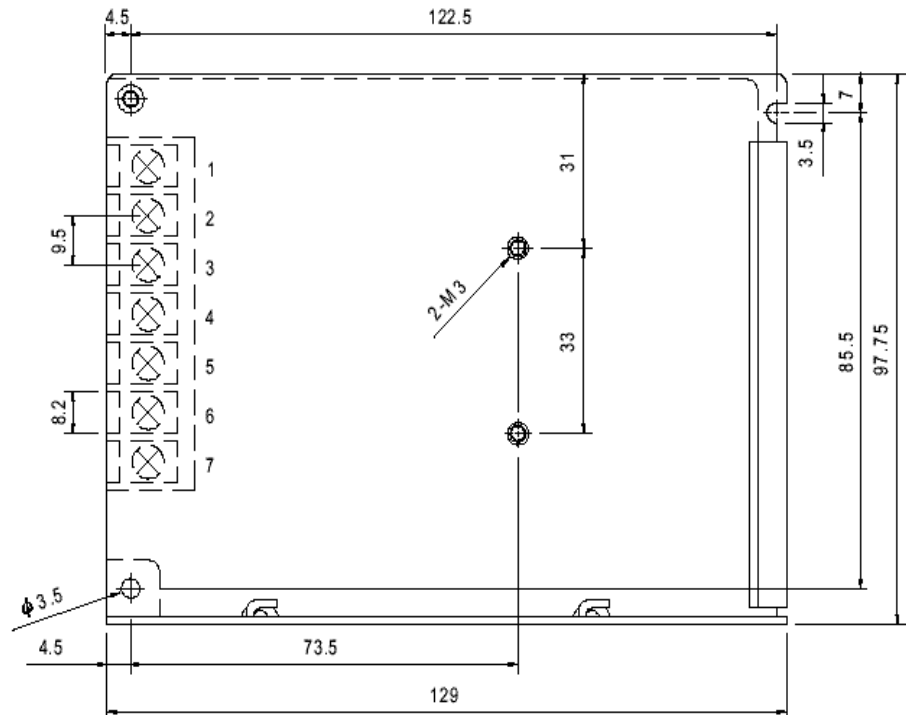
Features:

Universal AC input / full range
Cooling by free air convection
Over load, over voltage, short circuit protection
100% full load burn-in test
1 year warranty

Specification:

MODEL	T-40A			T-40B			T-40C			
	V1	V2	V3	V1	V2	V3	V1	V2	V3	
OUTPUT	Voltage	5V	12V	-5V	5V	12V	-12V	5V	15V	-15V
	min. Load	0.6A	0.2A	0.1A	0.6A	0.2A	0.1A	0.6A	0.2A	0.1A
	rated Load	3A	2A	0.5A	3A	2A	0.5A	3A	1.5A	0.5A
	max. Load	5A	3A	1A	5A	3A	1A	5A	2A	1A
	Tolerance	± 2%	± 6%	± 8%	± 2%	± 6%	± 8%	± 2%	± 6%	± 6%
	Ripple & Noise (max)	100mV			120mV			100mV		
Efficiency (typ)	72%			72%			72%			
Max. Output Power	41W			45W			45W			
Output Voltage adjustment range	CH1: -5% ~ +10% of rated output voltage									
INPUT	Voltage	85 ~ 264VAC / 120 ~ 370VDC Universal input								
	Frequency	47 ~ 63 Hz								
	Current	1.2A@115VAC / 0.7A@230VAC								
	Inrush Current	<20A@115VAC / <40A@230VAC , Cold start								
	Leakage Current	<3.5mA@240VAC								
	P.F.C.	-								
PROTECTION	Over Load	105% ~ 150% of rated output voltage , Hiccup mode, auto recovery after fault has been removed								
	Over Voltage	CH1: 115% ~ 135% (5.75~6.75VDC) , Hiccup mode, auto recovery after fault has been removed								
	Over Temp.	-								
	Short Circuit	Yes								
OTHERS	Setup time	< 800ms@230VAC / < 1600ms@115VAC								
	Rise time	< 50ms								
	Holdup time	> 60ms@230VAC / > 16ms@115VAC								
	Cooling	free air convection								
	Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, O/P-FG:0.5KVAC / 1 minute								
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG : 500VDC / 100M Ohm								
Switching Frequency	40KHz (fixed)									
Environment	Temperature	Operating: -10 ~ 60°C / Derating: -10 ~ 0°C: 2%/°C , 50 ~ 60°C: 6%/°C / Storage: -20 ~ 85°C								
	Humidity	Operating: 20 ~ 90% RH / Storage: 10 ~ 95% RH								
Connection	7P/ 8.25mm pitch terminal block									
M.T.B.F.	> 305K hours (according to MIL-HDBK-217F at 25°C environment)									
SAFETY	Approved: CSA 950 / (UL 1950, IEC 950, EN 60950) standard									
EMC	EMI	EN55022 CLASS B / EN61000-3-2,3								
	EMS	EN61000-4-2,3,4,5,6,8,11 / ENV50204								
WEIGHT	N.W.: 0.44 kg/pc									

T 40



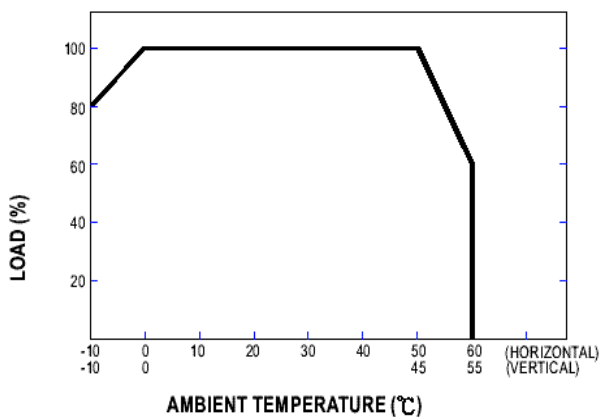
All measurements in millimeters [mm]

Dimension : 129mm x 98mm x 38mm

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 \perp	6	DC OUTPUT COM		

Output Derating



Static Characteristics (B)

