

Features



Dimming function:	Electronic Transformer Triac/ ELV/ MLV dimming
Dimming range:	0-100%
Certificates:	UL listed, Class P, Type HL, SELV, RoHS
Location of application:	Damp, dry and Wet location
Input:	120VAC
THD:	THD<20%@120V Max. load
Output type:	Constant voltage
Small size:	167x98x41.8 mm / 6.57x3.85x1.64 inch (L*W*H)
Loading:	Super low loading request, works perfect at 20-100% load
Protection:	Short-circuit, over-load protection
Compatibility:	Compatible with popular dimmers in the market, Lutron-CL, Diva series and so on.
Application:	• LED strip/ LED tape/ LED module • Residential Lighting • Commercial Lighting
Warranty:	5 years warranty

Specification

Model Number	OTM-TD150-JA24
OUTPUT	
Rated Power	150W
Rated Voltage	24V
Rated Current	6.25A
Voltage Tolerance	±1.5V
INPUT	
Voltage Range	120V
Frequency Range	47-63Hz
Power Factor(typ.)	0.94@120VAC
Total Harmonic Distortion	THD< 20%(@100% load)
Efficiency (Typ.)	90%@120VAC
AC Current (Typ.)	1.31A
Leakage Current	<0.5mA/ 120VAC
PROTECTION	
Short Circuit	shut down o/p voltage, re-power on to recover after fault condition is removed

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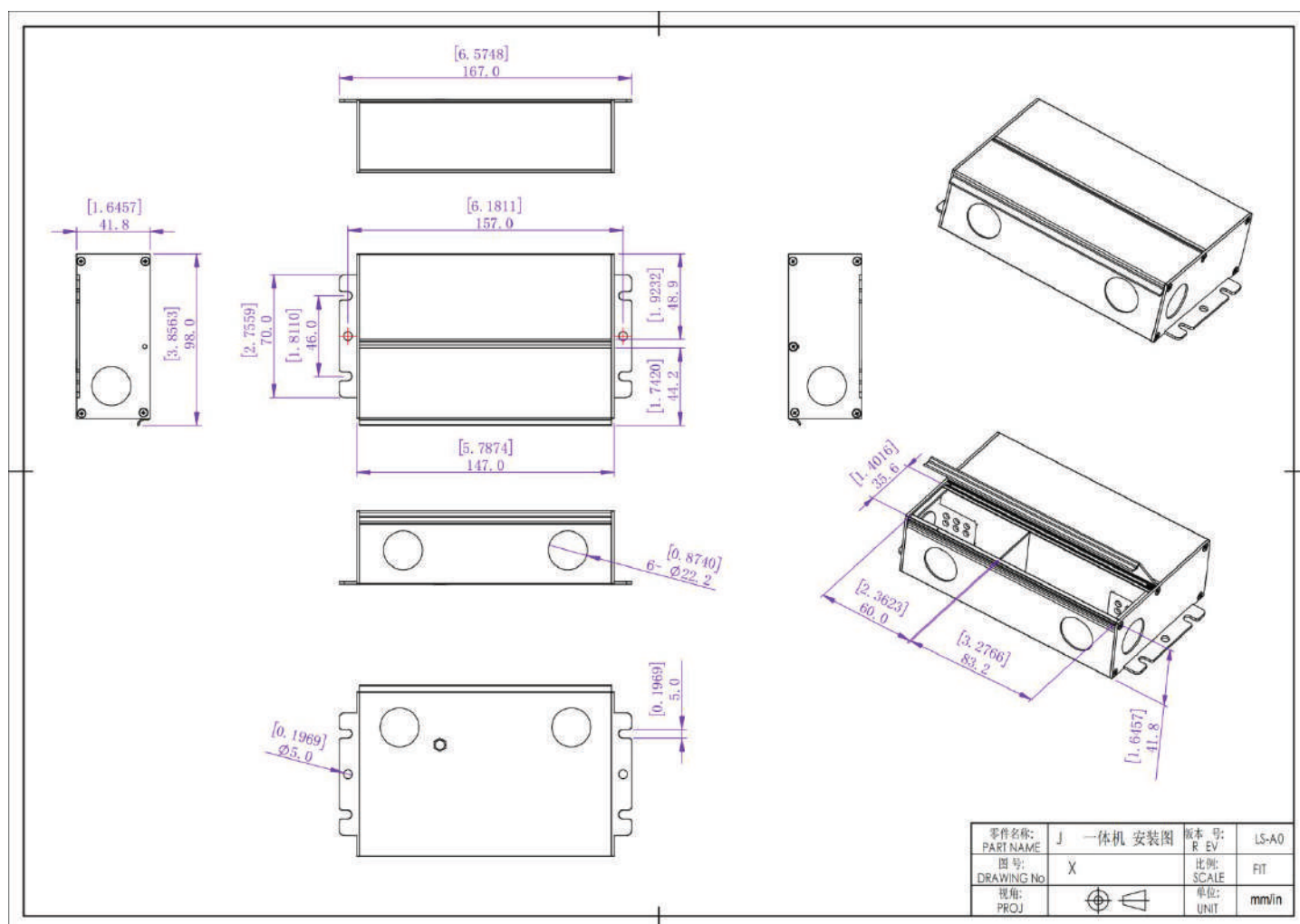
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Over Load	shut down o/p voltage, re-power on to recover after fault condition is removed
ENVIRONMENT	
Working Temp.	Tcase=-40 ~ +60 (Please refer to“OUTPUTLOAD vs TEMPERATURE”section)
Working humidity	20 ~ 95% RH non-condensing
Storage temp., Humidity	-40 ~ +90, 10 ~ 95% RH
Temp .coefficient	±0.03%/°C (0~50°C)
Vibration	10~500Hz, 5G 10min./1 cycle,period for 60min. each along X,Y,Z axes
SAFETY & EMC	
Safety standards	UL8750
Withstand voltage	I/P-O/P:1.88KVAC

Mechanical Specification



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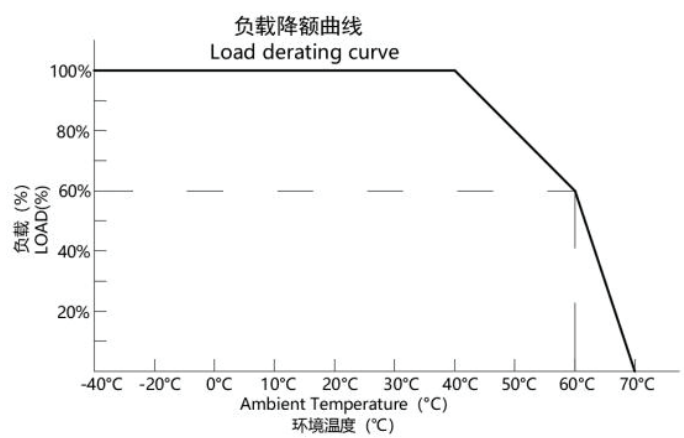
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Wiring Diagram



Load vs Ambient Temperature



❖ To extend their life, please refer to the Derating Curve and derate according to the temperature.

Tips :All Electronic Transformer meet the harmonic emissions requirements of ANSI C82.77-10

Please feel free to contact us if you have any questions, we welcome your any advise or new idea!

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