

SPECIFICATION

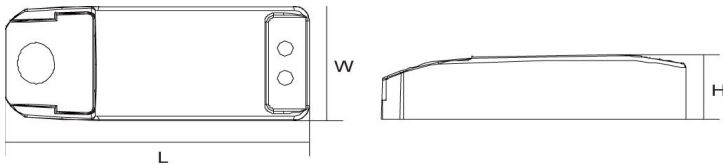
Description	220-240V Electronic Transformer for 12V Halogen Lamp
Electrical Characteristics	Ta = 25°C, 240Vrms input, standard reference lamp; unless otherwise specified
Class II, IP20	

Product Name		ULTRA105
Input Parameters		
Rated Input Voltage	Uin	220-240V
Input Current (Full load)	Iin	0.48A
Input Frequency	fin	50/60Hz
Power Factor (Full load)	λ	≥0.99
THD(Full load)		≤10%
Efficiency (Full load)	η	≥93%
Output Parameters		
Output Voltage	Vout	11.5V±5%
Output Current (Full load)	Iout	9.8A
Output Power (Full load)	Pout	105W
Operating Frequency(Full load)	Fout	32~38KHz
Pst LM		≤1
SVM		≤0.4
Ambient		
Storage Temperature	ts	-20 ...+ 70°C
Operating Ambient Temperature	ta	-20 ...+ 40°C
Case Temperature at tc Point	tc	+80°C
Protection		
No Load		Auto-recovery if fault is removed
Over Load		Auto-recovery if fault is removed
Short Circuit		Auto-recovery if fault is removed
System Parameters		
Withstand voltage		3.75KVAC,Ileakage<5.0mA, 60S
Average Service Life		50,000Hours
Dimming		Leading edge and Trailing edge dimmers
Compliances and approvals		
Safety		EN 61347-2-1
RFI		EN 55015
Harmonics		EN 61000-3-2
Immunity		EN 61547

Note

1. All parameters NOT specially mentioned are measured at 240VAC 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. Expected Life:tc=80°C,0.2%/1000h failure rate

Physical Parameter



Dimensions(LxWxH): 113x44x28mm
Housing Material:PC Plastic
Captured Terminal Screw for 0.75~2.5mm2

