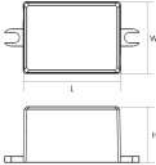


AcTEC LED DRIVER

MINI12V/4W

SPECIFICATION		
Description100-240V LED Driver, Constant Voltage Driver		
Electrical CharacteristicsTa = 25°C, 100-240Vrms input, standard reference load; unless otherwise specified		
Class II, IP65, thermally protected 110, independent driver		
Product Name		MINI12V/4W
Input Parameters		
Rated Input Voltage	Uin	100-240Vac
Input Current (Full load)	Iin	0.1A
Input Frequency	fin	50/60Hz
Maximum Input Power	Pin (W)	5.8W
Power Factor (Full load)	λ	≥0.5/100VAC, ≥0.4/240VAC
THD(Full load)		
Efficiency (Full load)	η	≥75%
No-load power		≤0.5W
Inrush current		11.0A
Turn on time		≤200ms
Output Parameters		
Output Voltage	Vout	12V±5%
Output Current (Full load)	Iout	350mA
Output Power (Full load)	Pout (W)	4.0W
Operating Frequency(Full load)	Fout	64KHZ
Ripple & Noise		≤100mA
Load Regulation		≤5%
Line Regulation		≤5%
Ambient		
Storage Temperature	ts	-20 ...+ 70°C
Operating Ambient Temperature	ta	-20 ...+ 50°C
Case Temperature at tc Point	tc	+80°C
Relative humidity		5 ...85%
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		30,000Hours
Compliances and approvals		
Safety		EN 61347-2-13
RFI		EN 55015
Harmonics		EN 61000-3-2 Class C
Immunity		EN 61547
Note		
1. All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 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): 38x27x21mm		
Housing Material:PC Plastic		
Input Wire: UL1007 18AWG(200mm±20)		