

Project :

Date :

Cat. No. :

Type :

Notes :

Volts :



700MA CONSTANT CURRENT LED DRIVER

- Universal AC input /Full range (up to 264 VAC)
- Constant Current design
- Class 2 Power Supply Unit
- Fully isolated plastic case.
- 2 years warranty
- Protections :
- Over current / ■ Short Circuit



Model No.		LD-CU7012-06
Input	Voltage & Frequency Range	100-240VAC; 50Hz/60Hz
	AC Current (Max.)	0.1A at 115Vac/ 0.04A at 230Vac
	Power Factor	>0.5 at 115Vac/ > 0.45 at 230Vac with full load
	Inrush Current (Max.)	< 20A at 240Vac
	Leakage Current	<1mA/240 Vac
Output	DC Voltage Range (VF)	3-5V
	Constant Current Range	680mA±6%
	Rated Max. Power	3W
	Ripple & Noise(Max.) note.2	3.6Vp-p
	Efficiency note.1	59%
Protections	Over Current	110%-120% Constant current limiting, a
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
Environment	Working Temp.	- 10°C ~ 40°C ambient operating at full load
	Working Humidity	20%~90% RH non-condensing
	Storage Temp.,Humidity	-20~+80°C ,10%~90% RH
Safety & EMC	Safety Standards	meet EN61347-1,EN61347-2-13
	EMC Standards note.3	meet EN55015,EN61000-4-2,3,4,5,6,8,11 ,EN61547
	Withstand Voltage	IP-O/P: 3.75 KVAC
	Isolation Resistance	IP-O/P:100M ohms / 500VDC at 25 °C
Connection	Input	UL rated, 20 AWGx 2C(150mm)
	Output	UL rated, 20 AWGx 2C(150mm)
Others	MTBF	100K hours min. @Ta=25 °C
	Dimension(L*W*H)	36.5 (30) * 29 * 22mm
	Packing(L*W*H)/Carton	280 * 270 * 190mm; 100pcs/4.8Kg
Note	1. All parameters NOT specially mentioned are measured at 230V AC input, rated load and 25°C ambient temperature.	
	2. Ripple & Noise are measured at 20MHZ bandwidth oscilloscope and with 0.1uf & 47uf parallel capacitor.	
	3. The power supply is considered a component which will be installed a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.	

