

Model: LD****-** Dc-Dc Series

Approvals :

1~9 Watts single output

Features:

Size 18 * 21 * 12 mm (L*W*H)

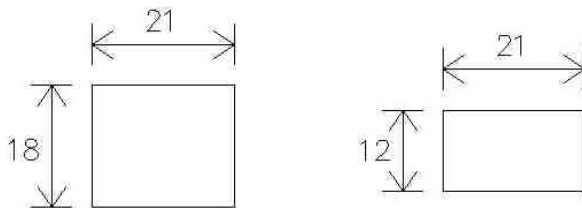
- * For High Brightness Light-Emitting Diode products.
- * DC 12V/24V input.
- * Fully isolated plastic case with stripped .
- * Built-in Constant Current limiting design.
- * Operation from -10°C~40°C full load.
- * Protections: OVP / OLP/ SCP .
- * 1 year warranty.



Specifications:

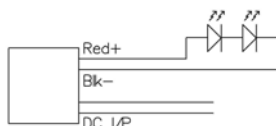
Model No.		GP-LD3510-12	GP-LD7012-12	GP-LD3508-24	GP-LD3520-24	GP-LD7012-24
Output	LED Operation Voltage <small>Note.2</small>	3-10V	3-12V	3-8V	3-20V	3-12V
	Rated Current Range	350m A±10%	650m A±10%	350m A±10%	350m A±10%	650m A±10%
	Rated Max. Power	2W	9W	2W	5W	9W
	Efficiency (Typ.)	>80%.				
	Rise Time	<30ms at full load				
Input	Voltage Range	Dc 10.5-13.5 V		Dc 22-26 V		
	AC Current	0.2A@12V Dc / 0.1A@24 Dc				
Protections	Over Load	100-135% rated output power recovers aotomatically after fault condition has been removed.				
	Short Circuit	Type: Hiccup mode, Recovers automatically after fault condition is removed.				
	Over Voltage	105-120% rated output Voltage				
Environment	Operation Temp.	-10°C~40°C full load .				
	Operation Humidity	20% ~ 95% RH non-condensing.				
	Storage Temp.	-20 ~ +80°C				
	Storage Humidity	10% ~ 95% RH				
Safety & EMC	Vibration	10 ~ 500 Hz, 2G 10 min. / 1 cycle, period for 60 min. each along X, Y, Z axes.				
	Safety Standards	meet EN61347-1, EN61347-2-13 ,				
	EMI Conduction & Radiation	meet EN55015				
Others	EMS Immunity	meet EN61547, EN61000-4-2, 3, 4, 5, 6, 8, 11				
	MTBF	400K hours min. MIL-HDBK-217F(25°C)				
	Dimension(L*W*H)	18 * 21 * 12 mm				
	Packing(L*W*H)/Carton	27*24*28cm:100PCS/Carton				
Weight		50g				
	Remark	<p>1. All parameters NOT specially mentioned are measured at 230Vac input, rated load and 25 °C ambient temperature.</p> <p>2. Constant current operation region is within the specified output voltage range above. This is the suitable operation region for LED related applications.</p> <p>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.</p>				

Dimension: Output connector with stripped type.



Configuration arrays when using Hi power LEDs

GP-LD3510-12 / GP-LD3508-24



GP-LD3520-24

