

DC-DC Converter Constant Current LED Driver

FEATURES

- BUCK BOOST (STEP UP AND STEP DOWN)
- EFFICIENCY UP TO 90%
- WIDE INPUT AND OUTPUT VOLTAGE RANGE
- INPUT VOLTAGE UP TO 36V
- PWM DIMMING CONTROL
- SHORT CIRCUIT AND OVER TEMPERATURE PROTECTED
- INTERNAL SMD TECHNOLOGY
- FULL ISOLATED NON-CONDUCTIVE PLASTIC CASE WITH IP67 LEVEL
- ROHS COMPLIANT
- 3 YEAR WARRANTY



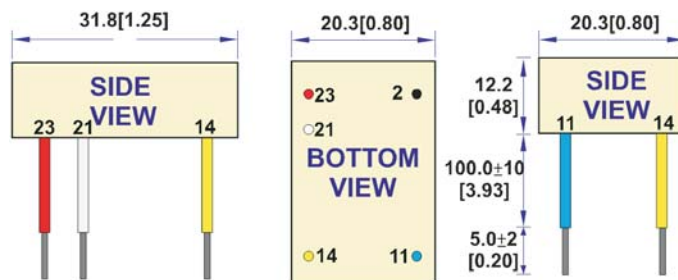
SPECIFICATIONS

Input Voltage	9~36VDC
Input Filter	Capacitor
Output Current Accuracy/Stability.....	±6%/±8% max
Operating Frequency.....	1000KHz Max
Short Circuit Protection.....	Continuous
Operating Temperature.....	-40°C to +71°C
Storage Temperature	-55° to +125°C
Over Temperature Protection	Shutdown when temperature raising to 150°C
.....	Auto restart after cool down when temperature falling to 125°C
Maximum Case Temperature.....	115°C
Case Size.....	31.8 x 20.3 x 12.2mm
Weight	18g
EMI Radiated Emissions.....	EN55015

All specifications are typical at nominal line, full load and 25°C; unless otherwise noted.

Model Number	INPUT VOLTAGE RANGE (VDC)	OUTPUT VOLTAGE RANGE (VDC)	OUTPUT CURRENT RANGE (mA)	EFF (% , Typ.)
SLDC-150-DP	9-36	2-40	0-150	90
SLDC-220-DP	9-36	2-40	0-220	90
SLDC-300-DP	9-36	2-40	0-300	90

MECHANICAL DRAWING (Unit: mm)



All dimensions are in mm[inches]

PINOUT		COMMENT
2 (Black)	-Vin	Don't connect to -Vout
11 (Blue)	-Vout	LED - Connection
14 (Yellow)	+Vout	LED + Connection
21 (White)	PWM DIM	ON/OFF/PWM Dimming Leave open if not used
23 (Red)	+Vin	DC Supply