

|           |                |            |                        |
|-----------|----------------|------------|------------------------|
| Model NO. | BPHE005C701    | Model Name | LED Driver             |
| Part NO.  | PLKBPHE005C701 | SIZE       | 66.5mm * 35mm * 23.5mm |

### FEATURES

- ◆ AC Input 100~240Vac
- ◆ Protection: SCP / OTP / OVP
- ◆ High Operating ambient Temp: -20°C ~ +60°C
- ◆ Safety: UL / TUV / PSE
- ◆ EMC: CE
- ◆ Comply with Indoor/Outdoor Waterproof (IP 67)
- ◆ Dimension (mm): L\*W\*H: 66.5mm \* 35mm \* 23.5mm
- ◆ ROHS



| Module : BPHE005C701 |                            | *,# =SEE NOTES BELOW                                                          |       |      |
|----------------------|----------------------------|-------------------------------------------------------------------------------|-------|------|
| *(8)                 | SPECIFICATION              | MODEL BPHE005C701                                                             |       |      |
|                      |                            | min.                                                                          | norm. | max. |
|                      | DC OUTPUT VOLTAGE (V)      |                                                                               | 7     |      |
| *                    | PRESET ACCURACY (%) *(7)   |                                                                               | 10    |      |
| *                    | OUTPUT CURRENT(A) *(5)     |                                                                               | 0.7   |      |
| *                    | O/P NOISE (P-P, V) *(3)    |                                                                               |       | 0.25 |
| *                    | LINE REGULATION (%) *(6)   |                                                                               | 10    |      |
|                      | DC OUTPUT POWER            | 4.9 W                                                                         |       |      |
|                      | EFFICIENCY(typ @Full Load) | 64%                                                                           |       |      |
|                      | SETUP, Softstart           | 3200ms,2000ms at full load 115VAC/230VAC                                      |       |      |
|                      | INPUT VOLTAGE RANGE        | 90-264VAC, 127-373VDC, Normal : 100-240VAC                                    |       |      |
|                      | INPUT FREQUENCY            | Range:47-63Hz, Normal : 50-60Hz                                               |       |      |
|                      | INRUSH CURRENT (typ)       | COLD START 30A @ 240VAC                                                       |       |      |
|                      | AC CURRENT                 | 0.18A/110VAC                                                                  |       |      |
|                      | LEAKAGE CURRENT            | <0.7mA/264VAC                                                                 |       |      |
|                      | SHORT CIRCUIT PROTECTION   | SCP, OTP, OVP will restart automatically after the fault condition is removed |       |      |
|                      | OVER TEMP. PROTECTION      |                                                                               |       |      |
|                      | OVER V, PROTECTION         |                                                                               |       |      |
| *                    | OPERATING TEMP.*(4)        | -20 to +60°C @full load                                                       |       |      |
|                      | STORAGE TEMPERATURE        | -40 to +80°C                                                                  |       |      |
|                      | RELATIVE HUMIDITY          | 10 to +95%                                                                    |       |      |
|                      | TEMP. COEFFICIENT          | 0.03% / °C (0-50°C, typ)                                                      |       |      |
|                      | SAFETY                     | UL1310 / TUV EN 61347-2-13 / PSE                                              |       |      |
|                      | EMI                        | CE EN55022                                                                    |       |      |
|                      | DIMENSIONS                 | 66.5mm * 35mm * 23.5mm (L*W*H)                                                |       |      |
|                      |                            |                                                                               |       |      |
|                      |                            |                                                                               |       |      |
|                      |                            |                                                                               |       |      |
|                      |                            |                                                                               |       |      |
|                      |                            |                                                                               |       |      |
|                      |                            |                                                                               |       |      |
|                      |                            |                                                                               |       |      |

NOTES : (1)All parameters not specially mentioned are measured 230VAC input.

(2)All specifications Typical @25°C , unless otherwise noted, at normal line and load.

(3)Ripple and Noise measured directly at pins/terminals at nom. load, @20MHz bandwidth.

(4)Specified for free-air convection cooling.

(5)Minimum load is NOT required for proper operation .

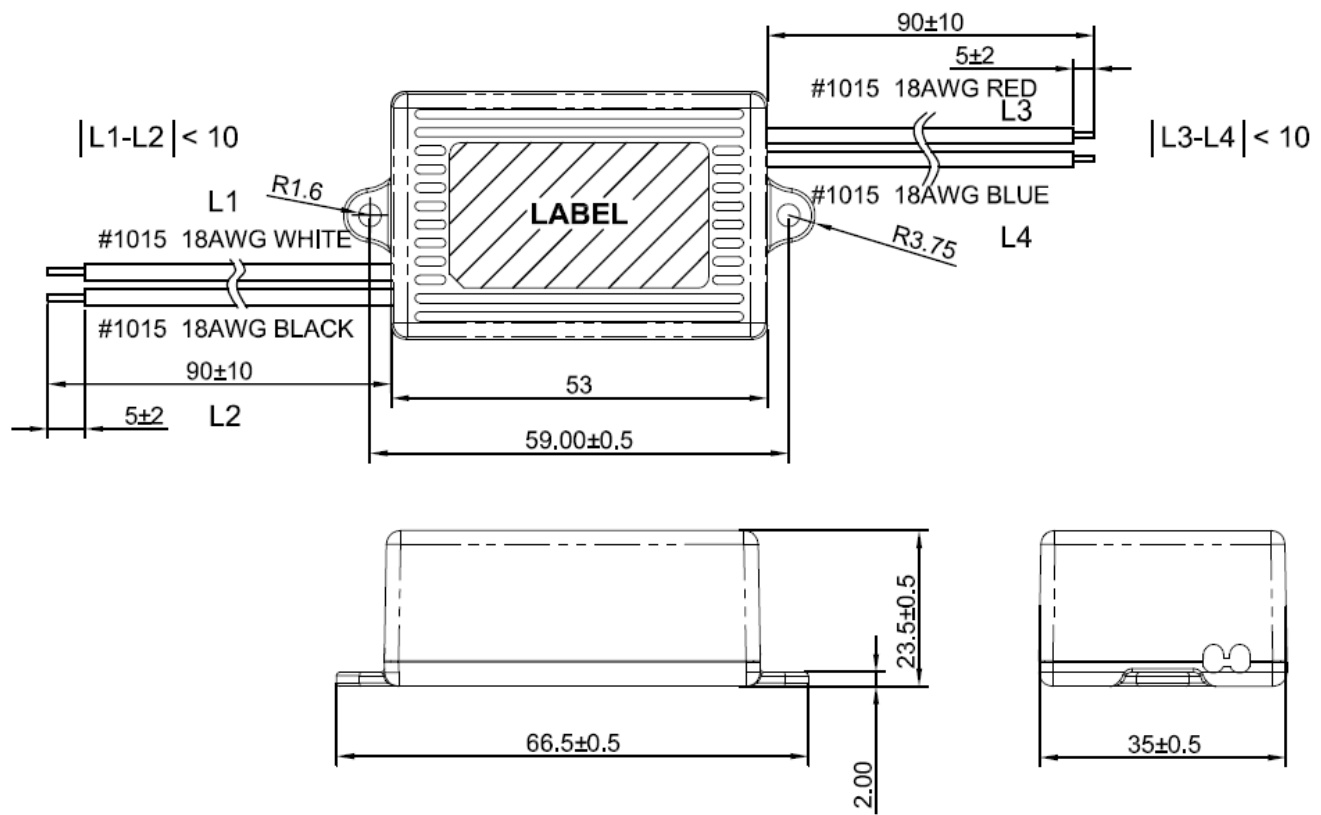
(6)Line regulation measured from 100VAC to 240VAC.

(7)Preset accuracy measured at normal load, 120VAC input.

(8)100% Production Tested.

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## Dimensions



Unit : mm

## ※Reference