

GPE015K Series

·16.5W Max.

SWITCHING MODE POWER SUPPLY



Features

- 100-240VAC Universal Input
- Protections:
Short circuit/Over voltage/Over current
- Energy Efficiency Level VI or CoC Tier II
- No Load Power Consumption \leq 0.1W(VI), \leq 0.075W(Tier II)
- MTBF $>$ 50,000 hours

GPE015K - xxxyyy-z

xxx=050-055,表示输出电压 5-5.5V,yyy=001-300,表示输出电流 0.01-3A Z : AC plug type: ·1:US·2:EU·3:UK·4:AU·5:CCC·6:PSE

MODEL NO.	OUTPUT PORT	MAX.OUTPUT POWER(W)	OUTPUT VIKTAGE(Vo)	MIN. LOAD(Io)	MAX LOAD(Io)	LOAD REGULATI ON	LINE REGULATI ON	RIPPLE& NOISE
GPE015K	USB	16.5W	5-5.5V	0A	0.01-3A	\pm 6%	\pm 1%	300mV

NOTE:

- 1: Ripple measurements shall be made with an oscilloscope of at least 20 MHz bandwidth.10uF electrolytic Output shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a capacitor to simulate system loading at temperature 25. °C
- 2:Line regulation is defined by changing \pm 10% of input voltage from nominal line at rated load.
- 3:Max.Power(W) \geq Vo \times Io

Electrical Specification

INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current 0.4A
- Inrush Current 30A/100VAC 60A/230VAC
- Hold Up Time \geq 8ms
- Turn On Time \leq 3s

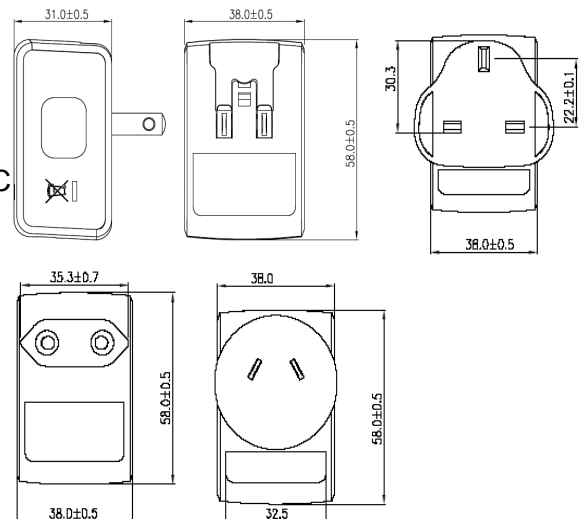
OUTPUT

- Short Circuit Protection Auto Recovery
- Over Voltage Protection Auto Recovery
- Over Current Protection Auto Recovery

ENVIRONMENT

- Operating Temperature 0 to 35 °C
- Storage Temperature -25 to 70 °C
- Operating Humidity 8% to 90%
- Storage Humidity 5% to 95%

Mechanical Specification



- Case Size:Horizontal:38L \times 58W \times 31H(mm)
- AC Plug:US EU UK AU CCC PSE
- Weight:72g

SAFETY

- Certified for whole series:ETL,EN 62368-1,FCC,DOE,GEMS,ERP,EMC,SAA,RCM