



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

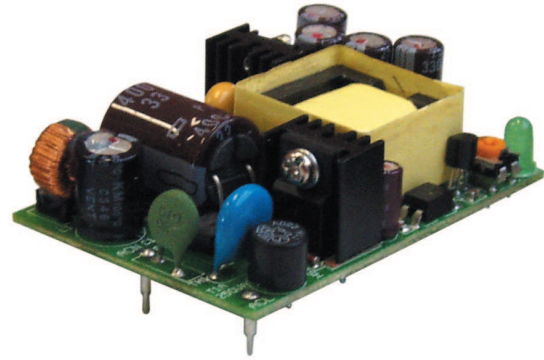
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



5 to 15W AC-DC Board Mount Power Supplies

Features

- ◆ Small Size and lightweight
- ◆ PC board Mountable
- ◆ Low Cost
- ◆ Universal Input Voltage
- ◆ UL Class II Approved
- ◆ Wide input range
- ◆ No external components needed



Key Market Segments & Applications

- ◆ Factory Automation
- ◆ Printers and motor drives
- ◆ Kiosks



Specifications		KPS-5	KPS-10	KPS-15
Model				
Input Voltage range	-	85 - 264VAC (47 - 440Hz) or 110 - 370VDC		
Inrush Current (115 / 230VAC)	A	20/40		
Input Current (115/230VAC)	A	0.13 / 0.07	0.27 / 0.13	0.4 / 0.2
Temperature Coefficient	-	±0.05%/°C		
Voltage Accuracy	-	±1%		
Minimum Load	A	None		
Load Regulation	-	±1% (10% to 100% load)		
Line Regulation (1)	-	±0.5%		
Ripple & Noise (2)	mV	1% or 50mV whichever is greater		
Short Circuit Protection	-	Continuous - hiccup mode		
Overvoltage Protection	V	130-150%		
Hold Up Time (Typ@115VAC)	ms	8	16	16
LED Indicator	-	Green LED = OK		
Operating Temperature	-	0 to +70°C, derate linearly to 25% load from 40°C to 70°C		
Storage Temperature	-	-20 to +85°C		
Humidity (non condensing)	-	10 - 95% RH		
Cooling	-	Convection		
Withstand Voltage	-	Input to Output 3kVAC		
Vibration (non operating)	-	23.52m/s ² (10 - 55Hz: constant sweep 1 min X, Y, Z for 1 hour)		
Shock	-	< 196.1 m/s ² (20G)		
Safety Agency Approvals	-	UL60950-1, CSA60950-1, EN60950-1, Class II, CE Mark		
Conducted & Radiated EMI	-	EN55022-B, FCC Class B		
Immunity	-	EN61000-4 -2, -3, -4, -5, -6		
Weight (Typ)	g (oz)	29g (1oz)	60g (2oz)	80g (2.8oz)
Size (WxLxH; H above pcb)	in.	1.38 x 2.17 x 0.79	1.77 x 2.56 x 0.91	1.89 x 2.75 x 0.91
Warranty	-	One Year		

Notes: (1) KPS-5 Measured from 100 - 240VAC
 (2) Measured with 0.1uF ceramic & 10uF electrolytic at 20MHz BW

