



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!



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SCS6x Series Specification			Model						
Rev 8 11/8/99			SCS60-3	SCS60-5	SCS60-12	SCS60-15	SCS60-24	SCS60-28	SCS60-48
Specification		V1	V1	V1	V1	V1	V1	V1	V1
1	Nominal Output Voltage	V	3.3	5	12	15	24	28	48
2	Minimum Output Current	A	0	0	0	0	0	0	0
3	Maximum Output Current convection cooled	A	12	12	5	4	2.5	2.1	1.3
4	Maximum Output Current forced air cooled (300LFM)	A	16	16	6.7	5.3	3.3	2.9	1.7
5	Maximum Peak Current (1)	A	18	18	7.5	6	3.8	3.2	1.9
6	Maximum Output Power convection cooled	W	39.6	60	60	60	60	58.8	62.4
7	Maximum Output Power forced air cooled	W	52.8	80	80.4	79.5	79.2	81.2	81.6
8	Input Voltage Range	V	85-265VAC, 47-63Hz						
9	Efficiency (2) Typical	%	70%						
10	Inrush current - Typical (3)	A	36						
11	Adjustment Range	V	-5 ~ +10%						
12	Maximum Ripple & Noise (4)	mV	1% peak to peak						
13	Maximum Load regulation	mV							
14	Maximum Line regulation	mV							
15	Total Regulation	%	+/-2	+/-2	+/-2	+/-2	+/-2	+/-2	+/-2
16	Transient response		To be determined						
17	Overcurrent Protection (5)		Short circuit protection						
18	Overvoltage Protection (6)		115-135%						
19	Hold up time - typical (7)	ms	20						
20	Operating Temperature (8)	C	0 ~ 50C						
21	Operating Humidity		5 ~ 95% non condensing						
22	Storage Temperature	C	-20 ~ 85C						
23	EMI		FCC Class B Conducted, EN55022 class B						
24	Output - Ground isolation		500VDC						
25	Vibration		10 - 55Hz Amplitude (sweep 1 min) Less than 2G X, Y, Z 1 hour ea						
26	Shock		<20G						
27	Safety		UL1950, CSA 22.2 #950, EN60950, CE mark						
28	Other		IEC801-2~6 level 3						
29	Size		127 x 76.2 x 34 (Max component height) component leads cropped 3mm max						
30	Terminals		Molex 09-50-80xx input & output						
31	Options								
	Remote sense (2 pin Molex)		Add "R" to model number. Compensates for up to 0.25V per lead						
	Notes:								
1	Peak current lasting <30 seconds with 10% max duty cycle. Average power not to exceed rated maximum.								
2	At 100VAC or 200VAC input and maximum output power								
3	At 230VAC input cold start at 25C								
4	Measured across 10uF electrolytic in parallel with 0.1uF ceramic on load cables 150mm from terminals of power supply.								
5	Avoid prolonged operation in overload								
6	Cycle input to reset								
7	60W load at 115VAC nominal line								