



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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SCD40xxxx Series Specification				Model					
Rev 1 4/15/99									
		SCD401212	SCD401515						
Specification		V1/V2	V1/V2						
1 Nominal Output Voltage	V	+12/-12	+15/-15						
2 Minimum Output Current (8)	A	0.1/0.1	0.1/0.1						
3 Maximum Output Current convection cooled	A	1.8/1.5	1.5/1.2						
4 Maximum Output Current forced air cooled (300LFM)	A	2.5/2.0	2.0/1.6						
5 Maximum Peak Current (1)	A	N/A	N/A						
6 Maximum Output Power convection cooled	W	40	40						
7 Maximum Output Power forced air cooled (30 CFM 300LFM)	W	55	55						
8 Input Voltage Range	V	85-265VAC, 47-63Hz							
9 Efficiency (2)	%	70% Typical							
10 Inrush current -Typical (3)	A	36							
11 Adjustment Range	V	-5 ~ +10%, output 1 only							
12 Maximum Ripple & Noise (4)	mV	1% peak to peak							
13 Regulation Load / Line	%	±2/±5	±2/±5						
14 Cross Regulation	%	+/-2% on output 1, +/-5% on output 2							
15 Transient response		To be determined							
16 Overcurrent Protection (5)		Short circuit protection							
17 Overvoltage Protection (6)		115-135% on channel 1 only							
18 Hold up time - typical (7)	ms	20							
19 Operating Temperature	C	0 ~ 50C							
20 Operating Humidity		5 ~ 95% non condensing							
21 Storage Temperature	C	-20 ~ 85C							
22 EMI		FCC Class B Conducted, EN55022 class B							
23 Output - Ground isolation		500VDC							
24 Vibration		10 - 55Hz Amplitude (sweep 1 min) Less than 2G X, Y, Z 1 hour ea							
25 Shock		<20G							
26 Safety		UL1950, CSA 22.2 #950, EN60950, CE mark							
27 Other		IEC801-2~6 level 3							
28 Size		127 x 76.2 x 25.4 (Max component height) component leads cropped 3mm							
29 Terminals		Molex 09-50-80xx input & output							
Notes:									
1 Peak current lasting <30 seconds with 10% max duty cycle. Average power not to exceed rated maximum. Output voltage may exceed regulation limits									
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 Self Resetting									
7 40W load at 115VAC nominal line									

LAMBDA SCSeries