



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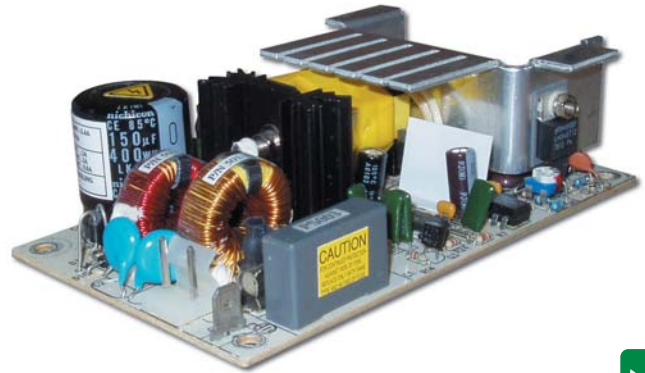
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



40-60W, 3 x 5" AC-DC Power Supplies

Features

- ◆ Low Cost
- ◆ Single and Multiple Outputs
- ◆ Wide Range AC Input
- ◆ Low profile
- ◆ Global Safety Agency Compliance
- ◆ Meets EN61000-4 (-2 to -6)
- ◆ Industry standard footprint



Key Market Segments & Applications



Specifications		SCS40	SCT4x	SCS60	SCD60	SCT6x
Output Power Convection	W	40		60		
Output Power Forced Air	W	55		-		
Main Output Adjustment	V	-5, +10% O/P 1 only		-5, +10%		
Line and Load Regulation	%	Output 1: ±2%, Output 2: ±5% (±7% on 24V models), Output 3: ±5%				
Hold Up Time (typical)	ms	20		20		
Size	(1) in	3 x 5 x 1"		3 x 5 x 1.34"		
AC Input	-	85-265 VAC, 47-63 Hz				
Efficiency	%	Typically 70% full load at nominal AC Line				
Inrush Current Limiting	A	36A typical @230VAC cold start				
Surge Immunity	-	EN61000-4 (-2 through -6) level 3				
EMI	-	FCC Class B, EN55022 B				
Cross Regulation	%	± 2% on output 1, ±5% on outputs 2 & 3 (multiple outputs only)				
Ripple and Noise	%	1% peak to peak				
Overcurrent Protection	-	Short circuit protection, automatic recovery				
Overvoltage Protection	-	Output 1 only, <135%				
Cooling	-	When specified with forced air cooling, flow is 300 LFM (1.5m/s)				
Operating Temp. Range	(2) -	0 to +70°C (Derate linearly to 50% load from 50-70°C)				
Storage Temperature	°C	-20 to +85°C				
Safety Agency Approval	-	UL60950-1, CSA60950-1, IEC/EN60950-1, CE Mark				
Warranty	yr	1 year				

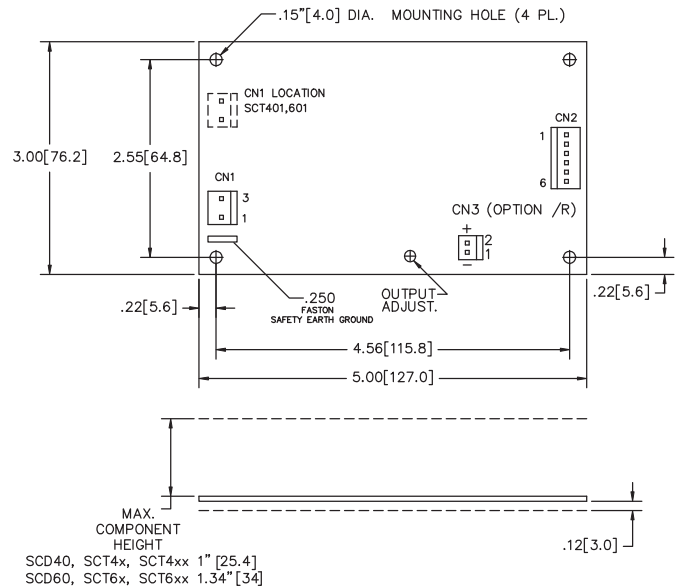
(1) Height is specified as maximum component height

Note: See Installation Manual for full details, test methods of parameters and application notes

(2) -40°C startup, contact factory for details.

Options							
	Model	O/P (V)	Min Load(A)	Convec. (A)	Forced Air(A)	Peak Load(A)**	
Single Output	SCS4024	V1 24.0	-	1.6	2.3	2.5	
	SCS4048	V1 48.0	-	0.9	1.2	1.3	
	SCS6012	V1 12.0	-	5.0	6.7	7.5	
	SCS6024	V1 24.0	-	2.5	3.3	3.8	
	SCS6028	V1 28.0	-	2.1	2.9	3.2	
	SCS6048	V1 48.0	-	1.3	1.7	1.9	
Dual Output	SCD601515	V1 15.0	0.2	2.2	2.9	-	
		V2 -15.0	0.2	1.8	2.4	-	
Triple Output	SCT42	V1 5.0	0.4	4.0	5.0	7.0	
		V2 12.0	0.2	2.0	2.5	4.0	
		V3 -12.0	-	0.5	0.7	1.0	
	SCT45	V1 5.0	0.4	4.0	5.0	7.0	
		V2 15.0	0.2	2.0	2.5	3.0	
		V3 -15.0	-	0.5	0.7	1.0	
	SCT48/R*	V1 5.0	0.4	4.0	5.0	6.0	
		V2 24.0	0.1	1.0	1.5	2.0	
		V3 -5.0	-	0.5	0.7	1.0	
	SCT62	V1 5.0	0.7	7.0	-	10.0	
		V2 12.0	0.3	3.0	-	6.0	
		V3 -12.0	-	0.7	-	1.5	
SCT63	V1 5.0	0.7	7.0	-	10.0		
	V2 15.0	0.3	2.8	-	4.0		
	V3 -15.0	-	0.7	-	1.5		
SCT65	V1 5.0	0.7	7.0	-	10.0		
	V2 24.0	0.1	1.5	-	3.0		
	V3 12.0	-	0.7	-	1.5		

Outline Drawing



NOTES:

1. DIMENSIONS SHOWN IN INCH [mm]
2. TOLERANCE .02 [0.5] MAXIMUM
3. MATING CONNECTORS:

CN1	MOLEX	09-50-8031
CN2	MOLEX	09-50-8061
CN2	MOLEX	09-50-8071 (SCT401/601)
CN1, 2 PINS	MOLEX	08-52-0113
CN3	MOLEX	22-01-3027
CN3 PINS	MOLEX	08-50-0114

Model Selector Notes:

- * /R = Remote Sense. Leave unconnected when not used.
- ** <30s, 10% duty cycle, average power must not exceed maximum ratings.

Other AC-DC Products

ZP	20 to 60W 2" x 4", 1-3 outputs
NV175	175W 3" x 5", 1-5 outputs
ZWS	5 to 240W single output, universal input
VSB, VSC, VSP	10 to 150W single output, 115VAC input
SCS120PW	120W 3" x 5" single output
CSS150	150W 3" x 5" single output

For Additional Information, please visit
us.tdk-lambda.com/lp/products/sc-series.htm

