

广州中逸光电子科技有限公司

测试报告

型号: SFA05-S24R3 2500IC

日期: 2021-7-5

输出附加电容:

制表: 谭永东

测试数据:

输入电压	输入电流	输入功率	输出负载		输出电压	效率	纹波	短路启动	过流点	VCC电压	负载调整率	电压调整率	电压精度	结果
90V			空载		25.5			NG	0.26A	14				<input checked="" type="checkbox"/> 符合技术手册要求 <input type="checkbox"/> 不符合技术手册要求
	0.016	0.74	10%	0.020	23.7	64.1%	NG	13.3						
	0.028	1.3	20%	0.040	24	73.8%	NG							
	0.038	1.9	30%	0.060	24.2	76.4%	NG							
	0.047	2.44	40%	0.080	24.1	79.0%	NG							
	0.0858	2.99	50%	0.100	24.1	80.6%	NG	13.8						
	0.065	3.56	60%	0.120	24.1	81.2%	NG							
	0.074	4.13	70%	0.140	24.1	81.7%	NG							
	0.083	4.69	80%	0.160	24.14	82.4%	NG							
	0.093	5.27	90%	0.180	24.14	82.5%	NG							
	0.103	5.83	100%	0.200	24.14	82.8%	NG	13.5						
115V		0.68	空载		24.14			NG	0.27A	13.3				
	0.013	0.74	10%	0.020	24.14	65.2%	NG	13.3						
	0.022	1.3	20%	0.040	24.14	74.3%	NG							
	0.031	1.89	30%	0.060	24.14	76.6%	NG							
	0.039	2.42	40%	0.080	24.14	79.8%	NG							
	0.047	2.98	50%	0.100	24.14	81.0%	NG	13.8						
	0.056	3.53	60%	0.120	24.14	82.1%	NG							
	0.068	4.09	70%	0.140	24.14	82.6%	NG							
	0.074	4.64	80%	0.160	24.14	83.2%	NG							
	0.079	5.2	90%	0.180	24.14	83.6%	NG							
	0.084	5.76	100%	0.200	24.3	84.4%	NG	13.5						
				空载		23.6								

未测 未加
外围参数

2.49%

0.83%

0.42%

230V	0.01	0.86	10%	0.020	23.6	54.9%	OK	0.28A	13.2			
	0.015	1.42	20%	0.040	23.8	67.0%	OK					
	0.019	2.04	30%	0.060	24	70.6%	OK					
	0.023	2.59	40%	0.080	24	74.1%	OK					
	0.03	3.12	50%	0.100	24	64.5%	OK		13.7			
	0.035	3.72	60%	0.120	24.1	67.6%	NG					
	0.039	4.28	70%	0.140	24.1	70.0%	NG					
	0.044	4.82	80%	0.160	24.2	71.8%	NG					
	0.049	5.39	90%	0.180	24.1	71.3%	NG					
	0.054	6.08	100%	0.200	24.1	79.3%	NG		13.9			
264V			空载		23.6		OK	0.29A	12.9			
	0.008	0.9	10%	0.020	23.6	52.4%	OK		13.2			
	0.013	1.5	20%	0.040	23.8	63.5%	OK					
	0.018	2.1	30%	0.060	24	68.6%	OK					
	0.022	2.63	40%	0.080	24	24.1	OK					
	0.028	3.21	50%	0.100	24	74.8%	OK		13.7			
	0.035	3.77	60%	0.120	24	76.4%	OK					
	0.036	4.38	70%	0.140	24	76.7%	NG					
	0.039	4.95	80%	0.160	24.1	77.9%	NG					
	0.044	5.58	90%	0.180	24.1	77.7%	NG					
0.048	6.08	100%	0.200	24.1	79.3%	NG	13.9					
耐压	输入-输出	3kvac5mA OK			输入-地	/		输出-地	/			
产品老化	负载: 老化结果:											
产品温升测试:	环境温度			环境湿度			额定负载工作0.5H后产品产品表温			额定负载工作1H后产品产品表温		
产品高低温试验	输入电压		高温	湿度		负载10%-100% 并启动5次						
	90V		75	/		未测						
	220V					未测						
	300V					未测						
	输入电压		低温	湿度		负载10%-100% 并启动5次						
	90V		/	/		未测						
	220V					未测						
300V		未测										