

SP10-D0509R2 测试数据

2020-8-28

470UF

100UF

输入电压	输入电流	输入功率	输出负载		输出电压1	输出电压2	效率	纹波1	纹波2	短路启动	VCC电压	V1负载调整率	V2负载调整率	V1电压调整率	V2电压调整率	V1电压精度	V2电压精度	备注	
140V			空载		5.01	9.31				OK	12.63	1.01%	0.54%	1.01%	0.43%	-0.80%	3.11%		
	0.022	1.74	10%	0.200	0.032	5.01	9.32	74.7%	24	60	OK								13.74
	0.043	3.27	20%	0.400	0.064	5	9.31	79.4%	34	72	OK								
	0.066	4.86	30%	0.600	0.096	5	9.3	80.1%	32	76	OK								
	0.088	6.41	40%	0.800	0.128	4.99	9.29	80.8%	28	88	OK								
	0.104	7.96	50%	1.000	0.160	4.99	9.3	81.4%	32	92	OK								13.96
	0.124	9.57	60%	1.200	0.192	4.98	9.3	81.1%	28	84	OK								
	0.140	11.08	70%	1.400	0.224	4.98	9.3	81.7%	32	80	OK								
	0.155	12.67	80%	1.600	0.256	4.97	9.31	81.6%	32	76	OK								
	0.170	14.29	90%	1.800	0.288	4.96	9.31	81.2%	32	80	OK								
0.181	15.78	100%	2.000	0.320	4.94	9.31	81.5%	36	88	OK	14.1								
230V			空载		5.01	9.09				OK	12.73	1.01%	0.54%	1.01%	0.43%	-0.80%	3.11%		
	0.019	1.81	10%	0.200	0.032	5.01	9.3	71.8%	28	60	OK								13.76
	0.032	3.35	20%	0.400	0.064	4.99	9.32	77.4%	36	64	OK								
	0.042	4.94	30%	0.600	0.096	4.99	9.3	78.7%	34	72	OK								
	0.056	6.5	40%	0.800	0.128	4.99	9.29	79.7%	30	80	OK								
	0.070	8.04	50%	1.000	0.160	4.99	9.28	80.5%	30	88	OK								13.95
	0.086	9.63	60%	1.200	0.192	4.99	9.27	80.7%	30	80	OK								
	0.1	11.2	70%	1.400	0.224	4.99	9.28	80.9%	30	84	OK								
	0.114	12.81	80%	1.600	0.256	4.99	9.29	80.9%	32	88	OK								
	0.127	14.29	90%	1.800	0.288	4.99	9.29	81.6%	34	84	OK								
0.141	15.82	100%	2.000	0.320	4.96	9.3	81.5%	30	100	OK	14.12								
264V			空载		5.01	9.1				OK	12.72	1.01%	0.54%	1.01%	0.43%	-0.80%	3.11%		
	0.019	1.88	10%	0.200	0.032	5.01	9.3	69.1%	22	60	OK								13.81
	0.029	3.46	20%	0.400	0.064	5.01	9.32	75.2%	36	76	OK								
	0.039	5.02	30%	0.600	0.096	5	9.31	77.6%	36	88	OK								
	0.05	6.64	40%	0.800	0.128	4.99	9.29	78.0%	34	88	OK								
	0.062	8.27	50%	1.000	0.160	4.99	9.29	78.3%	38	96	OK								13.97
	0.074	9.75	60%	1.200	0.192	4.98	9.28	79.6%	34	88	OK								
	0.085	11.25	70%	1.400	0.224	4.99	9.27	80.6%	32	80	OK								
	0.094	12.86	80%	1.600	0.256	4.96	9.27	80.2%	34	80	OK								
	0.104	14.42	90%	1.800	0.288	4.96	9.27	80.4%	34	80	OK								
0.116	15.96	100%	2.000	0.320	4.96	9.28	80.8%	36	80	OK	14.09								

310V		空载			5.02	9.13		36	84	OK	12.77						
	0.018	1.97	10%	0.200	0.032	5	9.31	65.9%	30	40	OK	13.85					
	0.027	3.54	20%	0.400	0.064	5	9.33	73.4%	46	70	OK						
	0.037	5.2	30%	0.600	0.096	5	9.31	74.9%	40	84	OK						
	0.047	6.83	40%	0.800	0.128	4.99	9.3	75.9%	38	92	OK						
	0.056	8.4	50%	1.000	0.160	4.99	9.29	77.1%	40	92	OK						
	0.068	10.03	60%	1.200	0.192	4.98	9.28	77.3%	40	88	OK	13.99					
	0.079	11.55	70%	1.400	0.224	4.98	9.27	78.3%	40	80	OK						
	0.087	13.14	80%	1.600	0.256	4.98	9.27	78.7%	40	80	OK						
	0.098	14.76	90%	1.800	0.288	4.99	9.27	78.9%	34	8	OK						
	0.108	16	100%	2.000	0.320	4.95	9.28	79.3%	36	84	OK	14.06					
耐压		输入-输出				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												
		输入电压	低温	湿度	负载10%-100% 并启动5次												