

Model : SKA15A-15 15W
+15V / 1A

OUTPUT FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	OUTPUT VOLTAGE ACCURACY	-2%~+2%	I/P: 12VDC O/P:50% LOAD Ta:25°C	-0.47 %	P
2	RIPPLE & NOISE	60mVp-p	I/P:12VDC O/P:FULL LOAD Ta:25°C	10 mVp-p	P
3	LINE REGULATION	-0.2%~+0.2%	I/P:9VDC ~18VDC O/P:FULL LOAD Ta:25°C	+0.01 %~ +0.00 %	P
4	LOAD REGULATION	-0.5%~+0.5%	I/P:12VDC O/P: MIN ~FULL LOAD Ta:25°C	-0.03 %~ +0.03%	P

INPUT FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	INPUT VOLTAGE RANGE	9VDC~18VDC	I/P:TESTING O/P:FULL LOAD Ta:25°C	8.19V~18Vdc	P
2	EFFICIENCY	82% (Typ)	I/P:12VDC O/P:FULL LOAD Ta:25°C	83.55%	P
3	INPUT CURRENT	1700mA FULL LOAD (Max.) 20mA NO LOAD (Typ.)	I/P:12VDC O/P:TEST Ta:25°C	1.52A / FULL LOAD 12mA / NO LOAD	P

PROTECTION FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	OVER LOAD PROTECTION	110%~250%(Typ)	I/P:12VDC O/P:TESTING Ta:25°C	144.0% HICCUP MODE AUTO-RECOVER	P
2	SHORT PROTECTION	SHORT EVERY OUTPUT 1 HOUR NO DAMAGE	I/P:18VDC O/P:FULL LOAD Ta:25°C	NO DAMAGE HICCUP MODE AUTO-RECOVER	P



SAFETY TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	WITHSTAND VOLTAGE	I/P-O/P:1000 VDC/min	I/P-O/P:1000 VDC/min Ta:25°C	I/P-O/P: 0.02mA NO DAMAGE	P
2	ISOLATION RESISTANCE	I/P-O/P:500VDC>100MΩ	I/P-O/P:500 VDC Ta:25°C	I/P-O/P>100MΩ NO DAMAGE	P

DATE	SAMPLE	TEST RESULT	TESTER	APPROVAL
2008.1.9	STOCK	PASS	PETER	T.K.CHENG