

Model : DKA15C-15 15W  
 V1 : +15V / 50~500mA  
 V2 : - 15V / 50~500mA

**OUTPUT FUNCTION TEST**

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	OUTPUT VOLTAGE ACCURACY	-2%~+2%	I/P: 48VDC O/P:50% LOAD Ta:25°C	V1:-0.57 % V2:-0.99 %	P
2	RIPPLE & NOISE	60mVp-p	I/P:48VDC O/P:FULL LOAD Ta:25°C	V1:13 mVp-p V2:12 mVp-p	P
3	LINE REGULATION	-0.2%~+0.2%	I/P:36VDC ~72VDC O/P:FULL LOAD Ta:25°C	V1:+0.03 %~ -0.11 % V2:-0.07 %~ +0.08%	P
4	LOAD REGULATION	-0.5%~+0.5%	I/P:48VDC O/P: MIN ~FULL LOAD Ta:25°C	V1:+0.12 %~ -0.09% V2:-0.12%~ +0.07%	P

**INPUT FUNCTION TEST**

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	INPUT VOLTAGE RANGE	36VDC~72VDC	I/P:TESTING O/P:FULL LOAD Ta:25°C	31.42V~72Vdc	P
2	EFFICIENCY	82% (Typ)	I/P:48VDC O/P:FULL LOAD Ta:25°C	83.92%	P
3	INPUT CURRENT	400mA FULL LOAD (Max.) 15mA NO LOAD (Typ.)	I/P:48VDC O/P:TEST Ta:25°C	370 mA / FULL LOAD 11.9 mA / NO LOAD	P

**PROTECTION FUNCTION TEST**

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	OVER LOAD PROTECTION	110%~250%(Typ)	I/P:48VDC O/P:TESTING Ta:25°C	161.0% HICCUP MODE AUTO-RECOVER	P
2	SHORT PROTECTION	SHORT EVERY OUTPUT 1 HOUR NO DAMAGE	I/P:36VDC 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