

Model : DKA15C-05 15W
 V1 : +5V / 150~1500mA
 V2 : - 5V / 150~1500mA

OUTPUT FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	VOLTAGE ACCURACY	V1:-2%~+2% (Max) V2: -2%~+2% (Max)	I/P:48VDC O/P:50% LOAD Ta:25°C	V1:-0% V2:-0%	P
2	RIPPLE & NOISE	V1:50mVp-p (Max) V2:50mVp-p (Max)	I/P:48VDC O/P:FULL LOAD Ta:25°C	V1::20mV V2:20mV	P
3	LINE REGULATION	V1:-0.2%~+0.2% (Max) V2:-0.2%~+0.2% (Max)	I/P:36VDC~72VDC O/P:FULL LOAD Ta:25°C	V1:-0%~+0% V2:-0%~+0%	P
4	LOAD REGULATION	V1:-0.5%~+0.5% (Max) V2:-0.5%~+0.5% (Max)	I/P:48VDC O/P:MIN-FULL LOAD Ta:25°C	V1:-0%~+0.1% V2:-0%~+0%	P

INPUT FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	DC VOLTAGE RANGE	36VDC~72VDC (Typ)	I/P:TESTING O/P:FULL LOAD Ta:25°C	32.5V~72V	P
2	EFFICIENCY	82% (Typ)	I/P:48VDC O/P:FULL LOAD Ta:25°C	83.7%	P
3	DC CURRENT	400mA (Typ.) FULL LOAD 15mA (Typ.) NO LOAD	I/P:48VDC O/P:FULL LOAD Ta:25°C	373mA / FULL LOAD 1mA / NO LOAD	P

PROTECTION FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	OVER LOAD PROTECTION	110%~250% (Max)	I/P:48VDC O/P:TESTING Ta:25°C	132% Hiccup Mode Reset Auto Recovery	P
2	SHORT PROTECTION	SHORT EVERY OUTPUT 1 HOUR NO DAMAGE	I/P:48VDC O/P:FULL LOAD Ta:25°C	NO DAMAGE Hiccup Mode Reset Auto Recovery	P

