

Model : DCW08A-15 8W
 V1:+15V / 52~267mA
 V2:-15V / 52~267mA

OUTPUT FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	OUTPUT VOLTAGE ACCURACY	V1 : -2%~+2% (Max.) V2 : -2%~+2% (Max.)	I/P: 12VDC O/P:50% LOAD Ta:25°C	V1 : +0.2% V2 : -0%	P
2	RIPPLE & NOISE	V1 : 60mVp-p (Max.) V2 : 60mVp-p (Max.)	I/P:12VDC O/P:FULL LOAD Ta:25°C	V1 : 20mVp-p V2 : 20mVp-p	P
3	LINE REGULATION	V1 : -0.5%~+0.5% (Max.) V2 : -0.5%~+0.5% (Max.)	I/P:9VDC ~18VDC 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:12VDC O/P: MIN ~FULL LOAD Ta:25°C	V1 : -0.01%~+0% V2 : -0.02%~+0%	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	8.4VDC~18VDC	P
2	EFFICIENCY	80% (Typ)	I/P:12VDC O/P:FULL LOAD Ta:25°C	86.772%	P
3	INPUT CURRENT	888mA / FULL LOAD (Max.) 50mA / NO LOAD (Max.)	I/P:12VDC O/P:NO / FULL LOAD Ta:25°C	769mA / FULL LOAD 31mA / 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	234% HICCUP MODE AUTO-RECOVER	P
2	SHORT PROTECTION	SHORT EVERY OUTPUT 1 HOUR NO DAMAGE	I/P:18VDC O/P:SHORT Ta:25°C	NO DAMAGE HICCUP MODE AUTO-RECOVER	P

