

Model : SKE10B-12 10W DC-DC Single Output Converter
 V1 : 12V / 84~840mA

OUTPUT FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	VOLTAGE ACCURACY	-2%~+2% (Max)	I/P:24VDC O/P:50% LOAD Ta:25°C	+0.3%	P
2	RIPPLE & NOISE	60mVp-p (Max)	I/P:24VDC O/P:FULL LOAD Ta:25°C	18mV	P
3	LINE REGULATION	-0.3%~+0.3% (Max)	I/P:18VDC~36VDC O/P:FULL LOAD Ta:25°C	-0%~+0%	P
4	LOAD REGULATION	-0.5%~+0.5% (Max)	I/P:24VDC O/P:MIN~FULL LOAD Ta:25°C	-0.1%~+0%	P

INPUT FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	DC VOLTAGE RANGE	18VDC~36VDC (Typ)	I/P:TESTING O/P:FULL LOAD Ta:25°C	13.2V~36V	P
2	EFFICIENCY	81% (Typ)	I/P:24VDC O/P:FULL LOAD Ta:25°C	83.2%	P
3	DC CURRENT	530mA (Max)	I/P:24VDC O/P:FULL LOAD Ta:25°C	506mA	P

PROTECTION FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	OVER LOAD PROTECTION	160%~250% (Max)	I/P:24VDC O/P:TESTING Ta:25°C	216% Hiccup Mode Reset Auto Recovery	P
2	SHORT PROTECTION	SHORT EVERY OUTPUT 1 HOUR NO DAMAGE	I/P:24VDC O/P:FULL LOAD Ta:25°C	NO DAMAGE Hiccup Mode Reset Auto Recovery	P

