

Model : SPR01L-05 1W DC-DC Single Output Converter
 V1: 5V / 0~200mA

OUTPUT FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	VOLTAGE ACCURACY	-2%~+2% (Max)	I/P:5VDC O/P:50% LOAD Ta:25°C	-1.0%	P
2	RIPPLE & NOISE	100mVp-p (Max)	I/P:5VDC O/P:FULL LOAD Ta:25°C	10mV	P
3	LINE REGULATION	-1%~+1% (Max)	I/P:4.5VDC~5.5VDC O/P:FULL LOAD Ta:25°C	-0.2%~+0%	P
4	LOAD REGULATION	-1%~+1% (Max)	I/P:5VDC O/P:MIN~FULL LOAD Ta:25°C	-0.4%~+0.4%	P

INPUT FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	DC VOLTAGE RANGE	4.5VDC~5.5VDC (Typ)	I/P:TESTING O/P:FULL LOAD Ta:25°C	4.0V~5.5V	P
2	EFFICIENCY	57% (Typ)	I/P:5VDC O/P:FULL LOAD Ta:25°C	60.8%	P
3	DC CURRENT	350mA (Max)	I/P:5VDC O/P:FULL LOAD Ta:25°C	331mA	P

PROTECTION FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	OVER LOAD PROTECTION	YES	I/P:5VDC O/P:TESTING Ta:25°C	145% Hiccup Mode Reset Auto Recovery	P
2	SHORT PROTECTION	SHORT EVERY OUTPUT 1 HOUR NO DAMAGE	I/P:5VDC O/P:FULL LOAD Ta:25°C	NO DAMAGE Hiccup Mode Reset Auto Recovery	P

