

MODEL NO: UNOPT3050-480011SA

48V/1.1A

Temperature increase of components (主要部品温度上升)

※Character Condition(特性条件):

1	I/P Voltage(Vac)(輸入電壓)	100Vac/240Vac
2	I/P Frequency(Hz)(輸入頻率)	50Hz /60Hz
3	Output Load(輸出負載)	Full Load
4	Ambient Temp.(°C)(環境温度)	50.0°C
5	Sample Size(取樣數)	1PCS
6	Mounting Method(取付方法)	Mounting A

※Character Data (特性數據):

Location	Description	ΔT Temperature Rise (°C)	
		100Vac/60Hz	240Vac/50Hz
D3	Diode	48.3	52.1
D9	Diode	52.1	49.1
U1	PWM Power Switch IC	48.0	45.7
BD1	Bridge Diode	57.1	33.0
C5	E-CAP	42.4	41.6
C25	E-CAP	13.6	11.3
C26	E-CAP	21.2	19.1
C6	MPP CAP	36.4	26.9
C9	MPP CAP	43.0	31.4
C1	E-CAP	42.5	39.1
L1	Choke	40.5	28.5
L-PFC	PFC-Choke	42.6	31.6
LF1	Common Choke	30.6	17.1
LF2	Common Choke	46.2	21.9
LF3	Common Choke	22.0	19.8
T1	Transformer-Coil	48.6	46.8
Q1	Mosfet	54.0	48.9
Q2	Mosfet	56.0	52.4
D10	SCHOTTKY	32.4	29.1
RT1	THERMISTOR	37.4	16.9
C27	E-CAP	16.2	14.0

CN1(INPUT)

