

BUK100-5

Additional Specifications

Input

Voltage and Range	7-45VDC
Grounding	Common Ground between input and output (no case)
Surge	not specified (optionally a 7-63V input range can be had)
Reversal	not protected
DC Current	(Output Power)/(Efficiency x Vin)
AC Current	Pulses with peak magnitude = Max Output Load Current
Current No Load	Less than 15mA

Output

Voltage	5.0V Nominal
Current	1.0A Max
Setting Accuracy	not specified
Ripple and Noise	Better than 60mV P-P
Line Regulation (Full Range)	+/-5%
Load regulation	not specified
Temperature Coefficient	not specified
Short Circuit Protection	not specified
Voltage Stability	not specified
Over voltage protection	not specified
Isolation	none-common connected to minus input
Efficiency	Better than 72% over input range 77% at 12V input

General Specifications

Cooling	not specified
Derating	not specified
Case temperature rise	not specified
Operation Temperature Range	-40C <= Tj <=+125C (Device Junction)
Storage Temperature Range	not specified (better than operation temp)
Switching Frequency	52KHz
Weight	< 2oz

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