

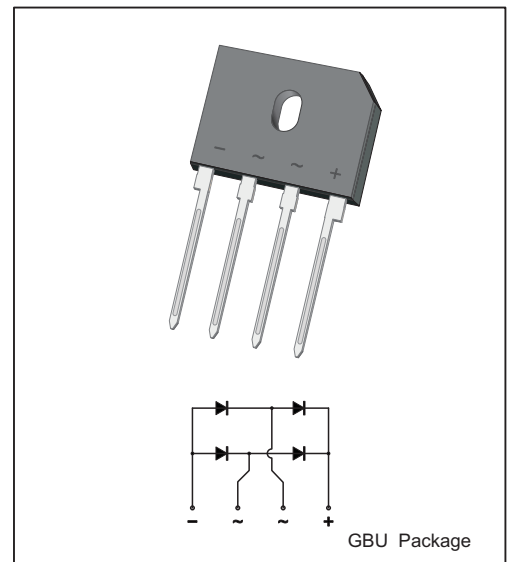
SCHOTTKY BRIDGE

FEATURES:

- High current capability
- Low forward voltage drop
- Low power loss, high efficiency
- High surge capability
- High temperature soldering guaranteed
- Mounting position: any

MECHANICAL DATA

- Package: GBU
- Approx Weight: 3.8g (0.134oz)



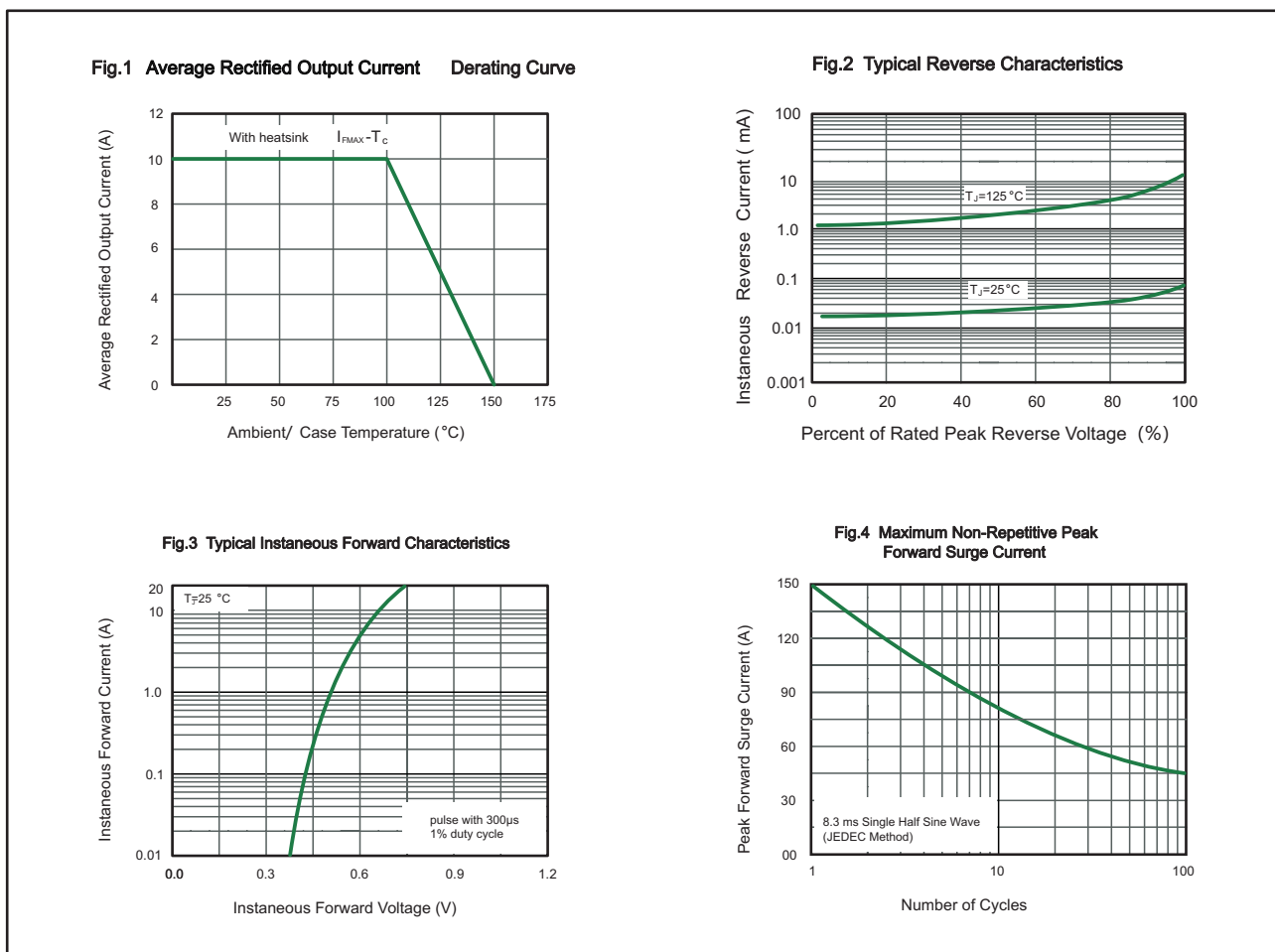
Maximum Ratings and Electrical characteristics

Ratings at 25 °C ambient temperature unless otherwise specified.

Single phase half-wave 60 Hz, resistive or inductive load, for capacitive load current derate by 20 %.

Parameter	Symbols	SKGBU1060	Units
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	60	V
Maximum RMS voltage	V_{RMS}	42	V
Maximum DC Blocking Voltage	V_{DC}	60	V
Maximum Average Forward Rectified Current	$I_{F(AV)}$	10	A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load	I_{FSM}	150	A
Maximum Forward Voltage at 10 A	V_F	0.70	V
Maximum DC Reverse Current at Rated DC Blocking Voltage	I_R	0.1 20	mA
Typical Junction Capacitance (f=1MHz,VR=4V)	C_j	400	pF
Operating and Storage Temperature Range	T_j, T_{stg}	-40 ~ +150	°C

Typical characteristic curve



PACKAGE OUTLINE

Plastic surface mounted package; 4 leads

GBU Package

