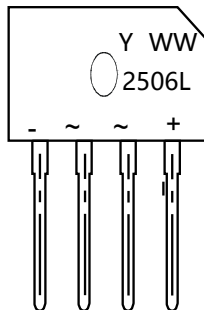


GBU2506L

Low VF Bridge Rectifiers



PINNING

PIN	DESCRIPTION
1	Input Pin ~
2	Input Pin ~
3	Output Anode +
4	Output Cathode -

: Y U h i f Y g

- Glass Passivated Chip Junction
-
-
-

6 Y b Y Z] h g

- Case: G
- Terminals: Solderable Per MIL-STD-750
-

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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	GBU2506L	Units
Maximum Repetitive Peak Reverse Voltage	VRRM	00	V
Maximum RMS voltage	VRMS	0	V
Maximum DC Blocking Voltage	VDC	00	V
Average Rectified Output Current	I _o		A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	IFSM	0	A
Maximum Forward Voltage at A	VF		V
Maximum DC Reverse Current @TA=25 °C at Rated DC Blocking Voltage @TA=125 °C	IR	00	µA
Typical Junction Capacitance Note1	C _j		pF
Operating and Storage Temperature Range	T _j , T _{stg}	-55 ~ +1	°C

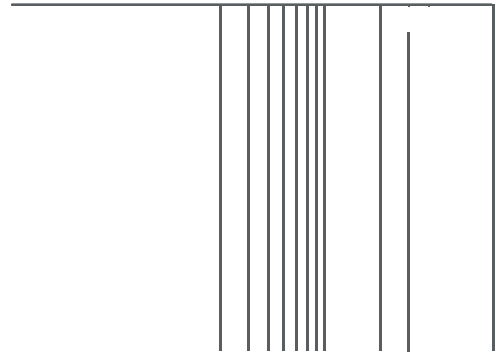
Note: 1. Measured at 1MHz and applied reverse voltage of 4 VDC.

2. Mounted on glass epoxy PC board with 4 × 1.5 Å 1.5 Å (3.81 × 3.81 cm) copper pad

GBU2506L

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RATINGS AND CHARACTERISTICS CURVES (TA = 25 °C unless otherwise noted)



Current Derating, Case

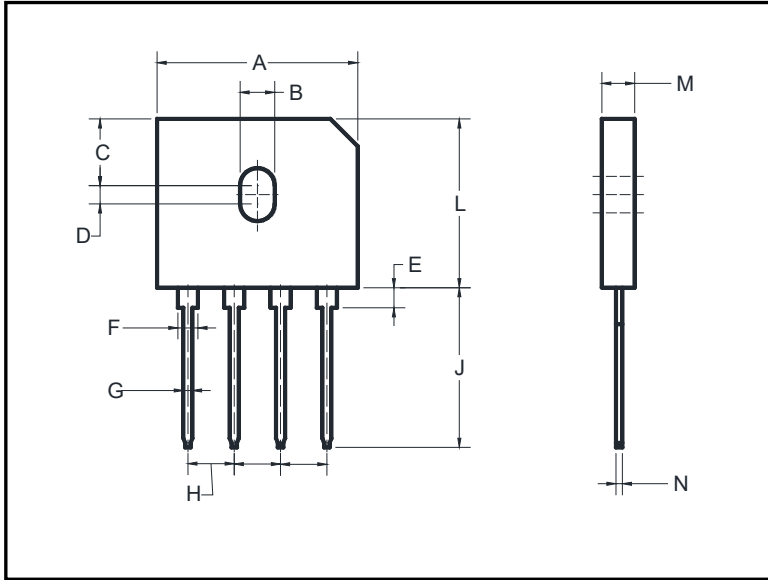
Typical Junction Capacitance

50

Typical Reverse Current

GBU2506L

PACKAGE OUTLINE DIMENSIONS



GBU		
	3	4.10
	7.4	
	1.65	2. 6
	2.25	2. 5
	2.05	2.
	1.02	1. 7
	4.83	5. 3
J	17.0	18.
L	18.3	18.
M	3.30	3. 6
N		

