
Maximum Ratings and Electrical Characteristics @ $T_A=25^{\circ}\text{C}$ unless otherwise specified

| | | | |
|---|-----------------|-------------|--------------------|
| Typical Junction Capacitance (per element) (Note 1) | C_j | 300 | pF |
| Typical Thermal Resistance Junction to Case (per element) (Note 2) | $R_{\theta JC}$ | 1.5 | K/W |
| RMS Isolation Voltage from Case to Lead | V_{iso} | 2500 | V |
| Operating and Storage Temperature Range | T_j, T_{STG} | -65 to +150 | $^{\circ}\text{C}$ |

Note: 1. Measured at 1.0 MHz and applied reverse voltage of 4.0V D.C.
2. Thermal resistance junction to case mounted on heatsink.

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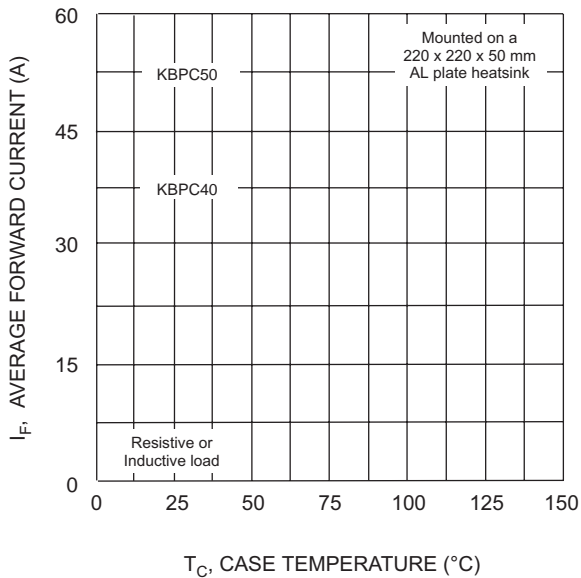


Fig. 1 Forward Current Derating Curve

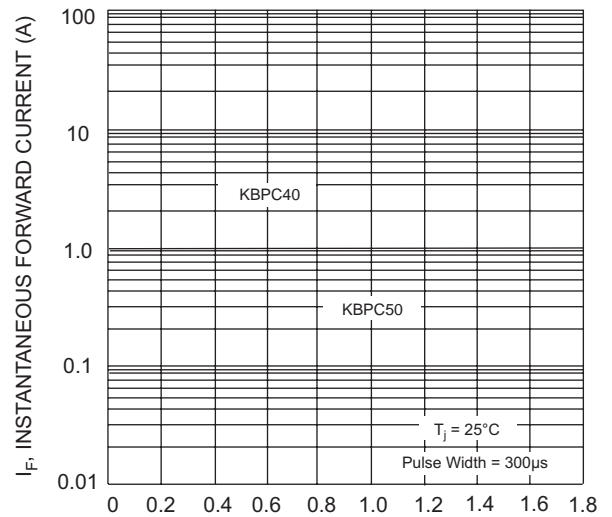


Fig. 2 Typical Forward Characteristics (per element)

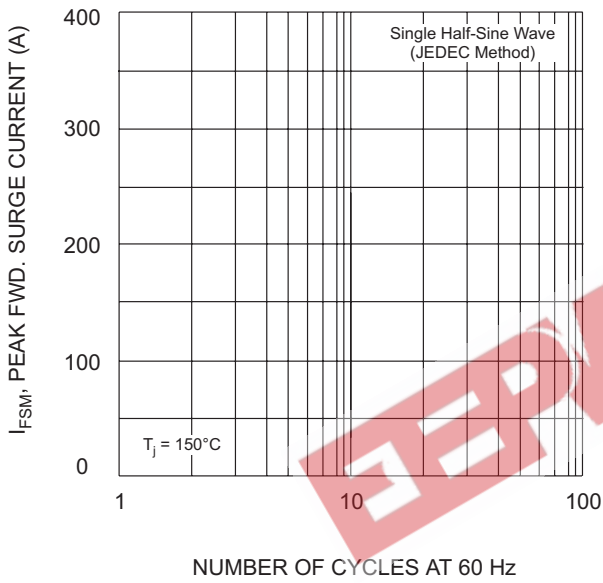


Fig. 3 Max Non-Repetitive Surge Current

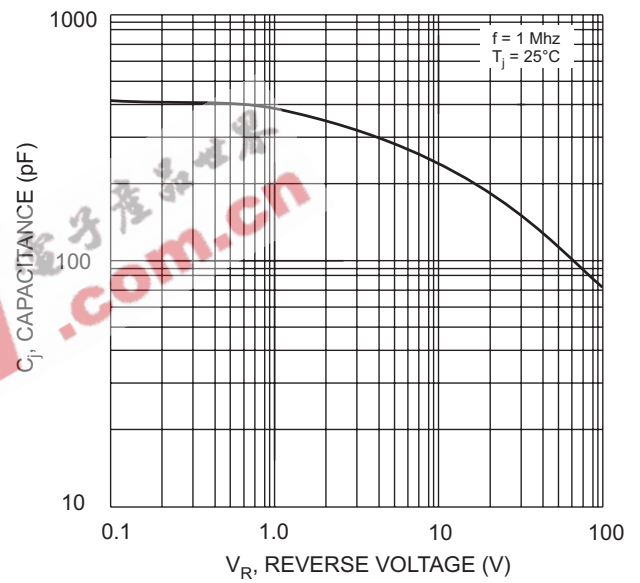


Fig. 4 Typical Junction Capacitance (per element)

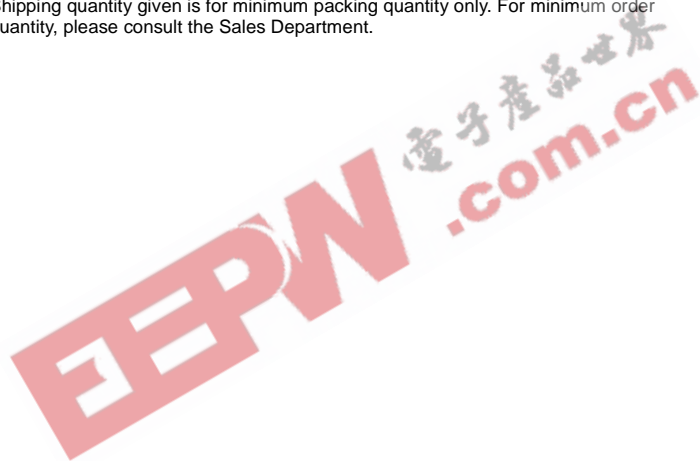


Fig. 5 Typical Reverse Characteristics (per element)

ORDERING INFORMATION

| Product No. | Package Type | Shipping Quantity |
|-------------|---------------|-------------------|
| KBPCxx00G | Square Bridge | 50 Units/Box |
| KBPCxx00GW | Square Bridge | 50 Units/Box |
| KBPCxx01G | Square Bridge | 50 Units/Box |
| KBPCxx01GW | Square Bridge | 50 Units/Box |
| KBPCxx02G | Square Bridge | 50 Units/Box |
| KBPCxx02GW | Square Bridge | 50 Units/Box |
| KBPCxx04G | Square Bridge | 50 Units/Box |
| KBPCxx04GW | Square Bridge | 50 Units/Box |
| KBPCxx06G | Square Bridge | 50 Units/Box |
| KBPCxx06GW | Square Bridge | 50 Units/Box |
| KBPCxx08G | Square Bridge | 50 Units/Box |
| KBPCxx08GW | Square Bridge | 50 Units/Box |
| KBPCxx10G | Square Bridge | 50 Units/Box |
| KBPCxx10GW | Square Bridge | 50 Units/Box |

Shipping quantity given is for minimum packing quantity only. For minimum order quantity, please consult the Sales Department.



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WARNING: DO NOT USE IN LIFE SUPPORT EQUIPMENT. WTE power semiconductor products are not authorized for use as critical components in life support devices or systems without the express written approval.

Won-Top Electronics Co., Ltd.

No. 44 Yu Kang North 3rd Road, Chine Chen Dist., Kaohsiung, Taiwan

Phone: 886-7-822-5408 or 886-7-822-5410

Fax: 886-7-822-5417

Email: sales@wontop.com

Internet: <http://www.wontop.com>

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