
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.

EEPW 电子产品世界
.com.cn

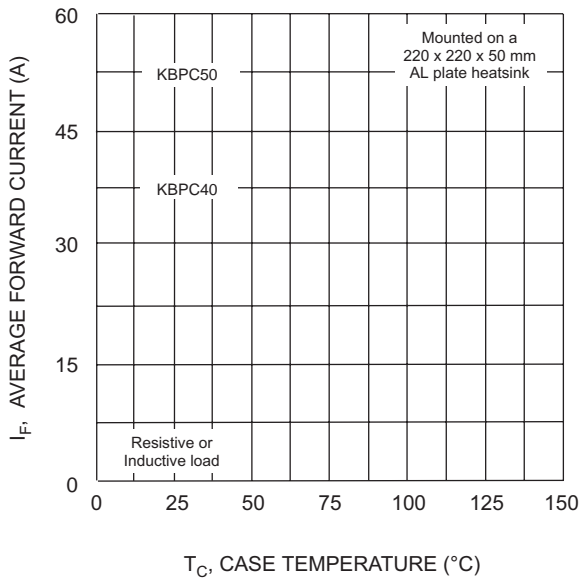


Fig. 1 Forward Current Derating Curve

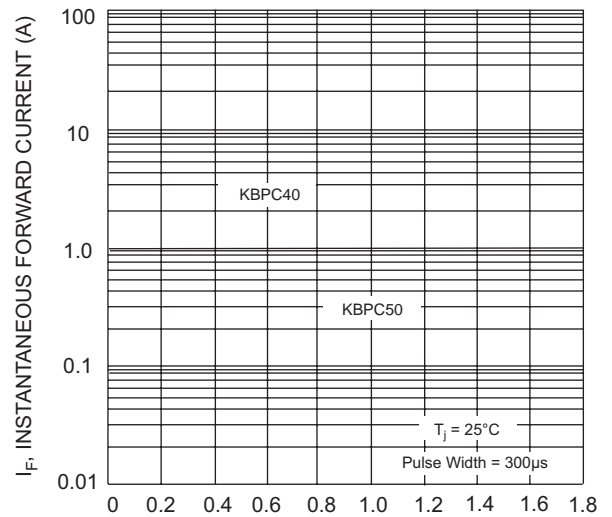


Fig. 2 Typical Forward Characteristics (per element)

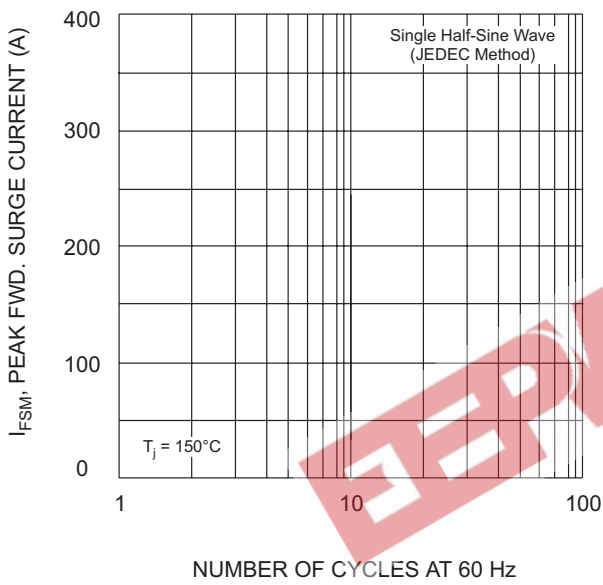


Fig. 3 Max Non-Repetitive Surge Current

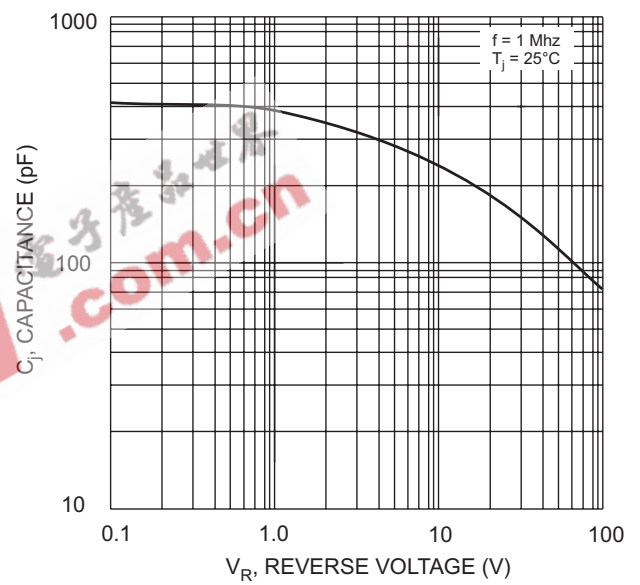


Fig. 4 Typical Junction Capacitance (per element)

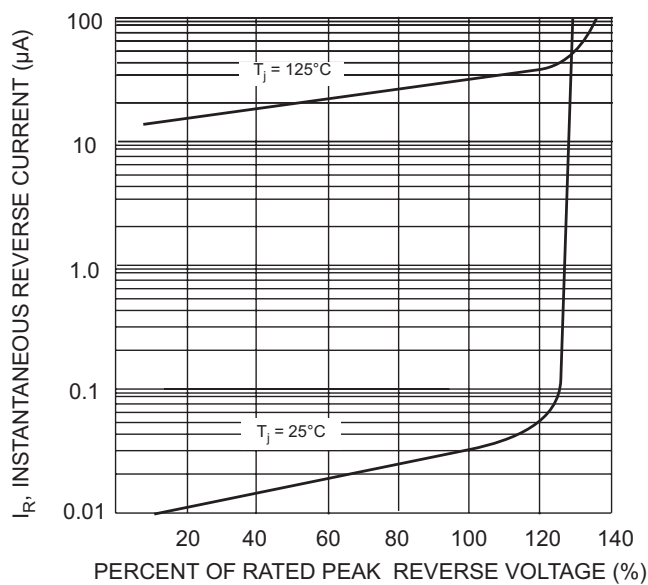
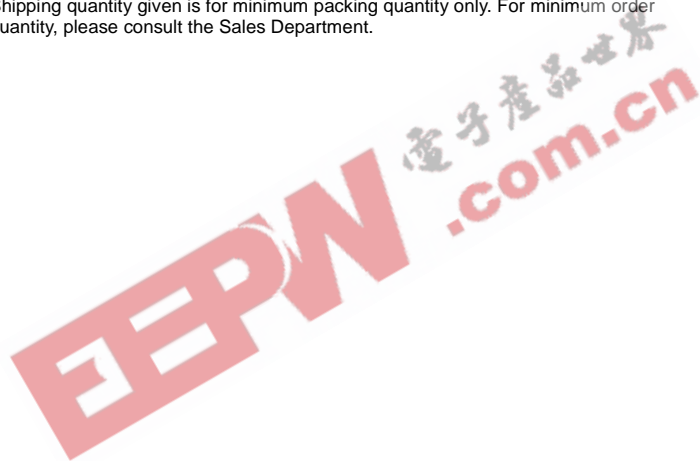


Fig. 5 Typical Reverse Characteristics (per element)

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.



Won-Top Electronics Co., Ltd (WTE) has checked all information carefully and believes it to be correct and accurate. However, WTE cannot assume any responsibility for inaccuracies. Furthermore, this information does not give the purchaser of semiconductor devices any license under patent rights to manufacturer. WTE reserves the right to change any or all information herein without further notice.

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>

We power your everyday.