

FEATURES

" 5 DWLQJ WR 9 3 5 9
 " 6 XUJH RYHUORDG UDWLQJ WR \$ PSHUHV SHDN ,GHDO
 IRU SULQWHG FLUFXLW ERDUG
 " 5HOLDEOH ORZ FRVW FRQVWUXFWLRQ XWLQJ]LQJ P ROGHG
 SODVWLF WHFKQLTXH UHVXOWV LQ LQH[SHQVLYH SURGXFW
 " /HDG VROGHUDEOH SHU 0, / 67' P HWKRG

MECHANICAL DATA

"Polarity: Sym bols molded on body

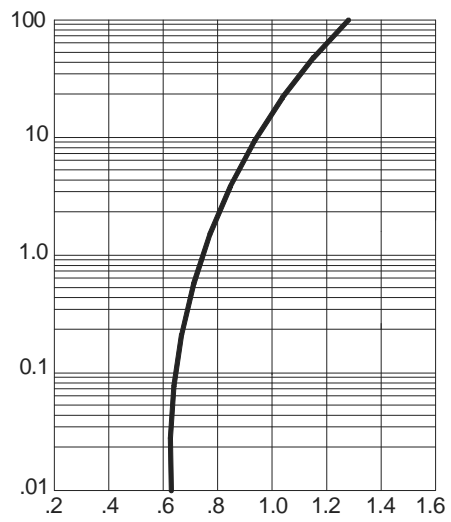
"Weight: 0.23 ounces, 6.6 grams

"Mounting position: Any

		KBJ 15A	KBJ 15B	KBJ 15D	KBJ 15G	KBJ 15J	KBJ 15K	KBJ 15M	UNITS
Maximum recurrent peak reverse voltage	V_{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS voltage	V_{RMS}	35	70	140	280	420	560	700	V
Maximum DC blocking voltage	V_{DC}	50	100	200	400	600	800	1000	V
Maximum average forward Output current @ $T_A=100^\circ\text{C}$	$I_{F(AV)}$				15.0				A
Peak forward surge current 8.3ms single half-sine-wave superimposed on rated load	I_{FSM}				200.0				A
Maximum instantaneous forward voltage at 7.5 A	V_F				1.0				V
Maximum reverse current @ $T_A=25^\circ\text{C}$ at rated DC blocking voltage @ $T_A=100^\circ\text{C}$	I_R				10.0				A
Typical junction capacitance per element	C_J				85				pF
Typical thermal resistance	R_{JC}				0.6				$^\circ\text{C}/\text{W}$
Operating junction temperature range	T_J				- 55 ---- + 150				$^\circ\text{C}$
Storage temperature range	T_{STG}				- 55 ---- + 150				$^\circ\text{C}$

NOTES: 1. Measured at 1.0mA applied reverse voltage of 4.0V DC

2. Device mounted on 300mm X 300mm X 1.6mm cu Plate heatsink.



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