KBJ SILICON BRIDGE RECTIFIERV

REVERSE VOLTAGE:)\$ --- %\$00V CURRENT: 2.0A



MAXIMUM RATINGS AND CHARACTERISTICS

 $O G [i \circ \hat{O} CE \{ aa^{c} \land V^{c} \} |^{\bullet \bullet} [c@^{c} abDa^{c} \land A] [c^{a}DDa^{c} \land A] @ a \bullet^{b} @ a |^{a} ac^{b} A^{c} \land A] = C^{a} A^{c} A^$

	KBJ 2A	KBJ 2B	KBJ 2D	KBJ 2G	KBJ 2J	KBJ 2K	KBJ 2M	UNITS
V _{RRM}	50	100	200	400	600	800	1000	V
V_{RMS}	35	70	140	280	420	560	700	V
V_{DC}	50	100	200	400	600	800	1000	V
I _{F(AV)}				2.0				A
I _{FSM}	50.0							A
V _F	1.0						V	
	10.0						A	
^I R	1.0							mA
CJ	45						рF	
R $_{\rm JC}$	2.2					сW		
TJ	- 55 + 125						ĉ	
T _{STG}	- 55 + 150					ĉ		
	V _{RRM} V _{RMS} V _{DC} I _{F(AV)} I _{FSM} V _F I _R C _J R _{JC} T _{STG}	$\begin{array}{c c} & KBJ\\ 2A \\ \hline V_{RMM} & 50 \\ \hline V_{RMS} & 35 \\ \hline V_{DC} & 50 \\ \hline I_{F}(AV) \\ \hline I_{F}SM \\ \hline I_{F}SM \\ \hline V_{F} \\ \hline I_{R} \\ \hline C_{J} \\ \hline R_{JC} \\ \hline T_{J} \\ \hline T_{STG} \\ \hline \end{array}$	KBJ 2A KBJ 2B V _{RRM} 50 100 V _{RMS} 35 70 V _{DC} 50 100 V _{DC} 50 100 I _F (AV) ////////////////////////////////////	KBJ KBJ KBJ KBJ 2D V _{RMM} 50 100 200 V _{RMS} 35 70 140 V _{DC} 50 100 200 V _R 50 100 200 V _{DC} 50 100 200 I _F (AV) // // // /I _{FSM} // // // V _F // // // I _R // // // C _J // // // T _J -5 // T _{STG} -5 //	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c } & KBJ & KBJ & 2B & 2D & 2G & 2J \\ \hline & 2A & 2B & 2D & 200 & 400 & 600 \\ \hline & V_{RMS} & 50 & 100 & 200 & 400 & 600 \\ \hline & V_{RMS} & 35 & 70 & 140 & 280 & 420 \\ \hline & V_{DC} & 50 & 100 & 200 & 400 & 600 \\ \hline & V_{C} & 50 & 100 & 200 & 400 & 600 \\ \hline & & & & & & & & \\ \hline & & & & & & & &$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

NOTES:1.Measured at 1.0MH₇ and applied reverse voltage of 4.0V DC

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

10							
1.0							
0.1							
.01 .2	.4	.6	.8	1.0	1.2	1.4	