

## FEATURES

" 5DWLQJ WR 9 359

" 6XUJH RYHUORDG UDWLQJ WR \$PSHUHV SHDN  
 ,GHDO IRU SULQWHG FLUFXLW ERDUG

" 5HOLDEOH ORZ FRVW FRQVWUXFWLRQ XWLQJ]LQJ PROGHG SODVWLF  
 WHFKQLTXH UHVXOWV LQ LQH[SHQVLYH SURGXFW

"Lead solderable per MIL-STD-202 method 208

		KBL4005	KBL401	KBL402	KBL403	KBL404	KBL406	KBL408	KBL410	UNITS
Maximum recurrent peak reverse voltage	$V_{RRM}$	50	100	200	300	400	600	800	1000	V
Maximum RMS voltage	$V_{RMS}$	35	70	140	210	280	420	560	700	V
Maximum DC blocking voltage	$V_{DC}$	50	100	200	300	400	600	800	1000	V
Maximum average forward Output current @ $T_A=50^\circ\text{C}$	$I_{(AV)}$	4.0								A
Peak forward surge current 8.3ms single half-sine-wave superimposed on rated load	$I_{FSM}$	150								A
Maximum instantaneous forward voltage at 2.0 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 1								$\mu\text{A}$ mA
Operating junction temperature range	$T_j$	- 55 ---- + 150								
Storage temperature range	$T_{STG}$	- 55 ---- + 150								

