■Electrical Characteristics T_a=25 Unless otherwise specified

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	KBJ25005	KBJ2501	KBJ2502	KBJ2504	KBJ2506	KBJ2508	KBJ2510
Maximum instantaneous forward voltage drop per diode	V_F	V	I_{FM}=12.5A	1.0						
Maximum DC reverse current at rated DC blocking voltage per diode	I_R	μA	T_j=25	5						
			T_j=125	100						
Typical junction capacitance	Cj	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	95						

■Thermal Characteristics T_a=25 Unless otherwise specified

PARAMETER		SYMBOL	UNIT	KBJ25005	KBJ2501	KBJ2502	KBJ2504	KBJ2506	KBJ2508	KBJ2510
Thermal Resistance	Between junction and ambient, Without heatsink	$R_{\theta J-A}$	/W	18						
	Between junction and case, With heatsink	$R_{\theta J-C}$		0.8						

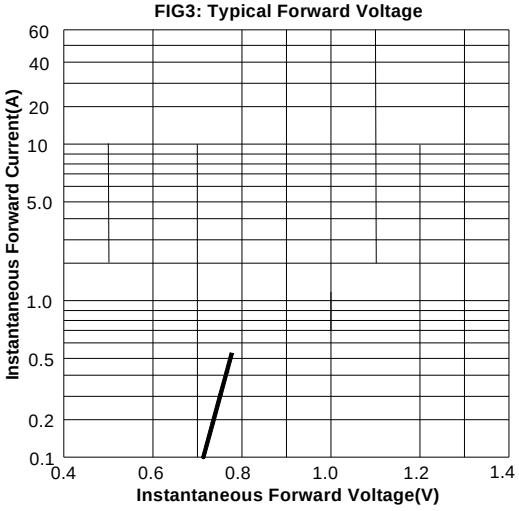
Note: Device mounted on 75mm x 45mm x 5.5mm Aluminum Plate Heatsink.

■Ordering Information (Example)

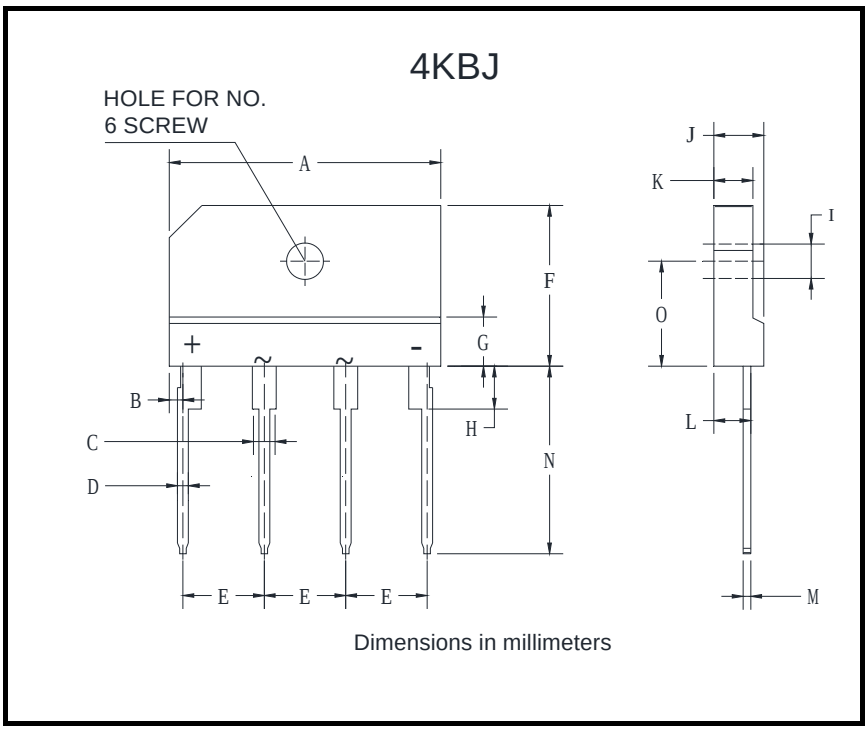
PREFERED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
KBJ25005 ~ KBJ2510	B1	Approximate 4.27	20	1000	2000	Tube

■ Characteristics(Typical)

FIG3: Typical Forward Voltage



■ Outline Dimensions



4KBJ		
Dim	Min	Max
A	24.7	25.3
B	1.05	1.45
C	1.7	2.1
D	0.9	1.1
E	7.3	7.7
F	14.7	15.3
G	3.8	4.2
H	3.3	3.7
I	3.1	3.4
J	4.4	4.8
K	3.4	3.8
L	3.2	3.4
M	0.6	0.8
N	17.0	18.0
O	9.5	10.1

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