

CONSTANT VOLTAGE REGULATION APPLICATION.
REFERENCE VOLTAGE APPLICATION.

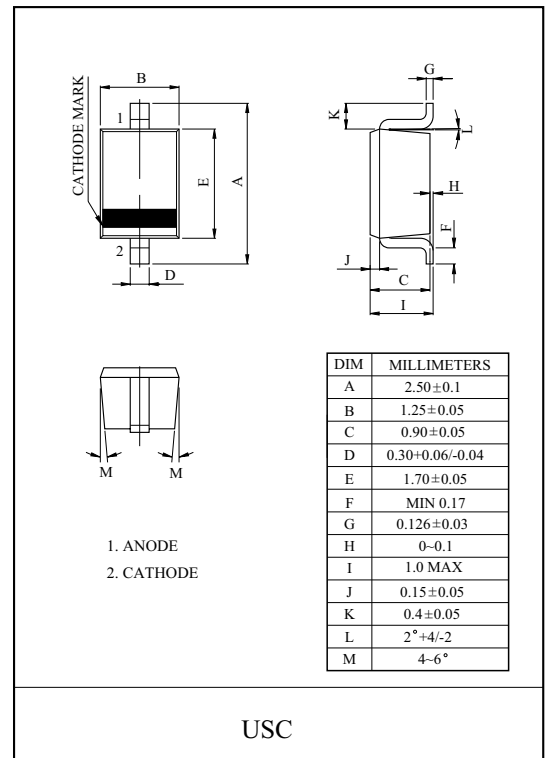
FEATURES

- Small Package : USC
- Nominal Voltage Tolerance About $\pm 6\%$.

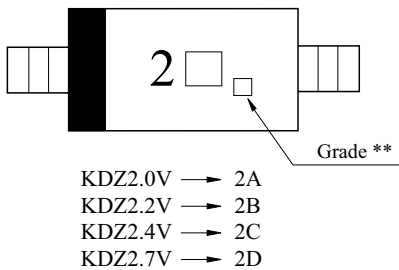
MAXIMUM RATING (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Power Dissipation	P_D^*	200	mW
Junction Temperature	T_j	150	°C
Storage Temperature Range	T_{stg}	-55 ~ 150	°C

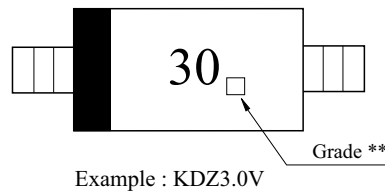
* Mounted on a glass epoxy circuit board of 20×20 mm,
pad dimension of 4×4 mm.



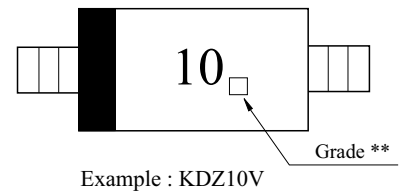
Example 1) 2.0V ~ 2.7V



Example 2) 3.0V ~ 9.1V



Example 3) 10V ~ 24V



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Grade	Symbol
None	(Blank)
Y	●

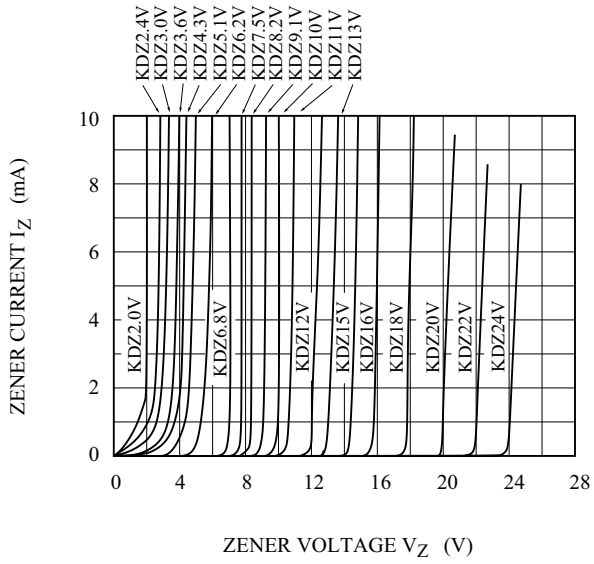
KDZ2.0V~24V

ELECTRICAL CHARACTERISTICS (Ta=25 °C)

TYPE No.	Grade	Zener Voltage Vz (V)			Dynamic Impedance Zz (Ω)		KNEE Dynamic Impedance Zzk (Ω)		Reverse Current IR (μA)	
		Min.	Max.	Iz (mA)	MAX.	Iz (mA)	MAX.	Iz (mA)	MAX.	VR(V)
KDZ2.0V	-	1.85	2.15	5	100	5	1000	0.5	120	1.0
	Y	1.95	2.15	-						
KDZ2.2V	-	2.05	2.38	5	100	5	1000	0.5	120	1.0
	Y	2.16	2.38	-						
KDZ2.4V	-	2.28	2.60	5	100	5	1000	0.5	120	1.0
	Y	2.40	2.60	-						
KDZ2.7V	-	2.50	2.90	5	110	5	1000	0.5	120	1.0
	Y	2.65	2.90	-						
KDZ3.0V	-	2.80	3.20	5	120	5	1000	0.5	50	1.0
	Y	2.95	3.20	-						
KDZ3.3V	-	3.10	3.50	5	130	5	1000	0.5	20	1.0
	Y	3.25	3.50	-						
KDZ3.6V	-	3.40	3.80	5	130	5	1000	0.5	10	1.0
	Y	3.60	3.845	-						
KDZ3.9V	-	3.70	4.10	5	130	5	1000	0.5	10	1.0
	Y	3.890	4.160	-						
KDZ4.3V	-	4.00	4.50	5	130	5	1000	0.5	5	1.0
	Y	4.170	4.430	-						
KDZ4.7V	-	4.40	4.90	5	120	5	1000	0.5	5	1.0
	Y	4.550	4.750	-						
KDZ5.1V	-	4.80	5.40	5	70	5	1000	0.5	1	1.5
	Y	4.980	5.200	-						
KDZ5.6V	-	5.30	6.00	5	40	5	900	0.5	1	2.5
	Y	5.490	5.730	-						
KDZ6.2V	-	5.80	6.60	5	30	5	500	0.5	1	3.0
	Y	6.060	6.330	-						
KDZ6.8V	-	6.40	7.20	5	25	5	150	0.5	0.5	5.0
	Y	6.650	6.930	-						
KDZ7.5V	-	7.00	7.90	5	23	5	120	0.5	0.5	6.0
	Y	7.280	7.600	-						
KDZ8.2V	-	7.70	8.70	5	20	5	120	0.5	0.5	6.5
	Y	8.020	8.360	-						
KDZ9.1V	-	8.50	9.60	5	18	5	120	0.5	0.5	7.0
	Y	8.850	9.230	-						
KDZ10V	-	9.40	10.60	5	15	5	120	0.5	0.5	8.0
	Y	9.770	10.210	-						
KDZ11V	-	10.40	11.60	5	15	5	120	0.5	0.5	8.5
	Y	10.760	11.220	-						
KDZ12V	-	11.40	12.60	5	15	5	110	0.5	0.5	9.0
	Y	11.740	12.240	-						
KDZ13V	-	12.40	14.10	5	15	5	110	0.5	0.5	10
	Y	12.910	13.490	-						
KDZ15V	-	13.80	15.60	5	15	5	110	0.5	0.5	11
	Y	14.340	14.980	-						
KDZ16V	-	15.30	17.10	5	18	5	150	0.5	0.5	12
	Y	15.850	16.510	-						
KDZ18V	-	16.80	19.10	5	20	5	150	0.5	0.5	14
	Y	17.560	18.350	-						
KDZ20V	-	18.80	21.20	5	25	5	200	0.5	0.5	15
	Y	19.520	20.390	-						
KDZ22V	-	20.80	23.30	5	30	5	200	0.5	0.5	17
	Y	21.540	22.470	-						
KDZ24V	-	22.80	25.60	5	40	5	200	0.5	0.5	19
	Y	23.720	24.780	-						

KDZ2.0V~24V

$I_Z - V_Z$



$P_d - T_a$

