

CONSTANT VOLTAGE REGULATION APPLICATION.  
REFERENCE VOLTAGE APPLICATION.

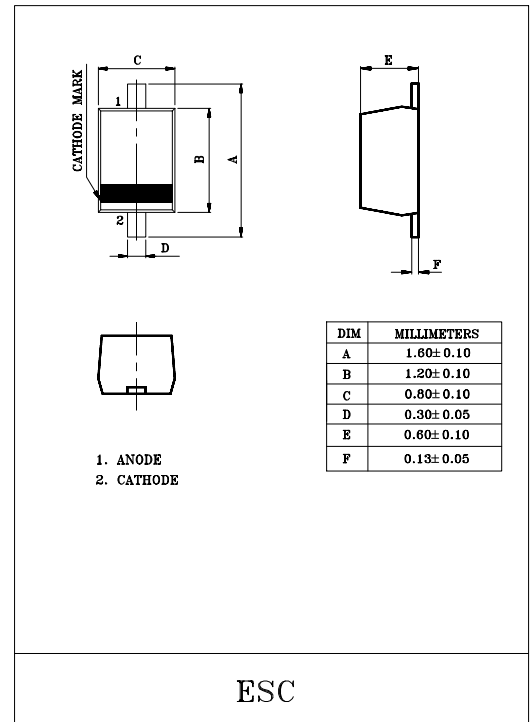
#### FEATURES

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

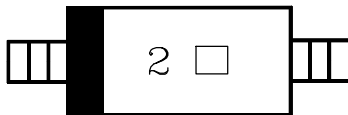
#### MAXIMUM RATINGS (Ta=25°C)

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

\* Mounted on a glass epoxy circuit board of 20×20mm  
Pad dimension of 4×4mm.



Example 1) 2.0V 2.7V



KDZ2.0EV → 2A  
KDZ2.2EV → 2B  
KDZ2.4EV → 2C  
KDZ2.7EV → 2D

Example 2) 3.0V ~ 9.1V



Example : KDZ3.0EV

Example 3) 10V ~ 24V



Example : KDZ10EV

# KDZ2.0EV ~ 24EV

## ELECTRICAL CHARACTERISTICS (Ta=25°C)

TYPE No.	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)
KDZ2.0EV	1.85	2.15	5	100	5	1000	0.5	120	1.0
KDZ2.2EV	2.05	2.38	5	100	5	1000	0.5	120	1.0
KDZ2.4EV	2.28	2.60	5	100	5	1000	0.5	120	1.0
KDZ2.7EV	2.50	2.90	5	110	5	1000	0.5	120	1.0
KDZ3.0EV	2.80	3.20	5	120	5	1000	0.5	50	1.0
KDZ3.3EV	3.10	3.50	5	130	5	1000	0.5	20	1.0
KDZ3.6EV	3.40	3.80	5	130	5	1000	0.5	10	1.0
KDZ3.9EV	3.70	4.10	5	130	5	1000	0.5	10	1.0
KDZ4.3EV	4.00	4.50	5	130	5	1000	0.5	5	1.0
KDZ4.7EV	4.40	4.90	5	120	5	1000	0.5	5	1.0
KDZ5.1EV	4.80	5.40	5	70	5	1000	0.5	1	1.5
KDZ5.6EV	5.30	6.00	5	40	5	900	0.5	1	2.5
KDZ6.2EV	5.80	6.60	5	30	5	500	0.5	1	3.0
KDZ6.8EV	6.40	7.20	5	25	5	150	0.5	0.5	5.0
KDZ7.5EV	7.00	7.90	5	23	5	120	0.5	0.5	6.0
KDZ8.2EV	7.70	8.70	5	20	5	120	0.5	0.5	6.5
KDZ9.1EV	8.50	9.60	5	18	5	120	0.5	0.5	7.0
KDZ10EV	9.40	10.60	5	15	5	120	0.5	0.5	8.0
KDZ11EV	10.40	11.60	5	15	5	120	0.5	0.5	8.5
KDZ12EV	11.40	12.60	5	15	5	110	0.5	0.5	9.0
KDZ13EV	12.40	14.10	5	15	5	110	0.5	0.5	10
KDZ15EV	13.80	15.60	5	15	5	110	0.5	0.5	11
KDZ16EV	15.30	17.10	5	18	5	150	0.5	0.5	12
KDZ18EV	16.80	19.10	5	20	5	150	0.5	0.5	14
KDZ20EV	18.80	21.20	5	25	5	200	0.5	0.5	15
KDZ22EV	20.80	23.30	5	30	5	200	0.5	0.5	17
KDZ24EV	22.80	25.60	5	40	5	200	0.5	0.5	19