

CONSTANT VOLTAGE REGULATION APPLICATION.
REFERENCE VOLTAGE APPLICATION.

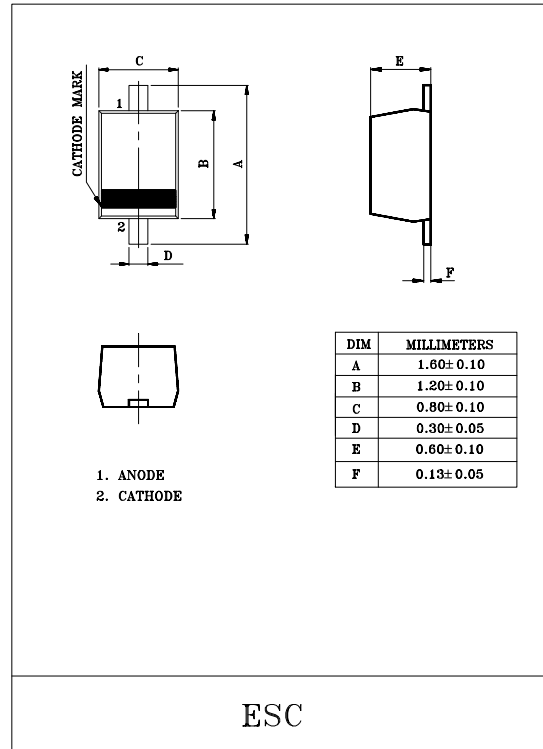
FEATURES

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

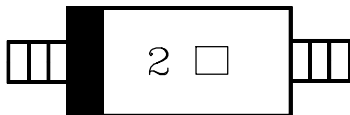
MAXIMUM RATINGS (Ta=25°C)

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 V_z (V)			Dynamic Impedance Z_z (Ω)		KNEE Dynamic Impedance Z_{zk} (Ω)		Reverse Current I_R (μ A)	
	Min.	Max.	I_z (mA)	MAX.	I_z (mA)	MAX.	I_z (mA)	MAX.	V_R (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

KDZ2.0EV ~ 24EV

