

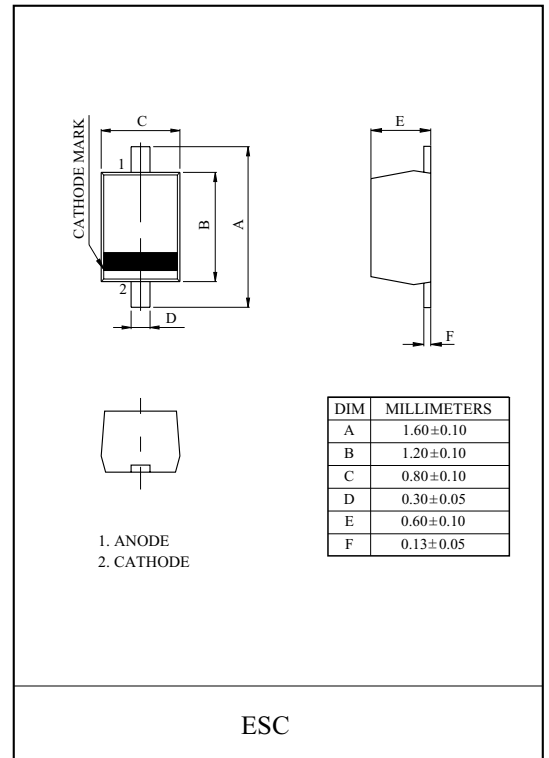
CONSTANT VOLTAGE REGULATION APPLICATION.

FEATURES

- Small package for portable electronics.
- Normal Voltage Tolerance About $\pm 5\%$.
- Low leakage current.

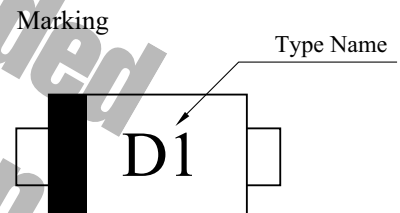
APPLICATIONS

- Cell phone handsets and accessories.
- Microprocessor based equipment.
- Personal digital assistants (PDA s).
- Notebooks, desktops, & servers.
- Portable instrument
- Pagers peripherals.



MAXIMUM RATING (Ta=25)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Power Dissipation	P_D	150	mW
Junction Temperature	T_j	150	
Storage Temperature	T_{stg}	-55 150	

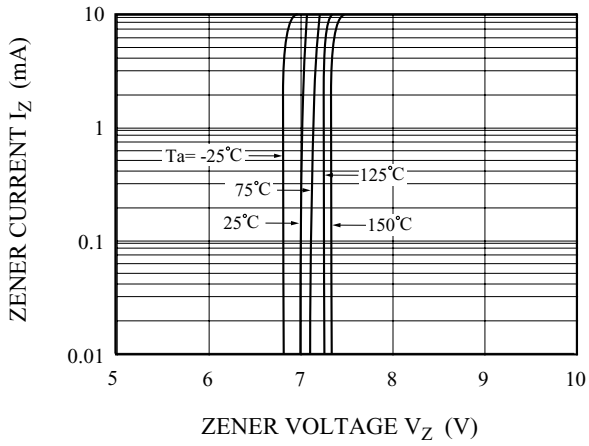


ELECTRICAL CHARACTERISTICS (Ta=25)

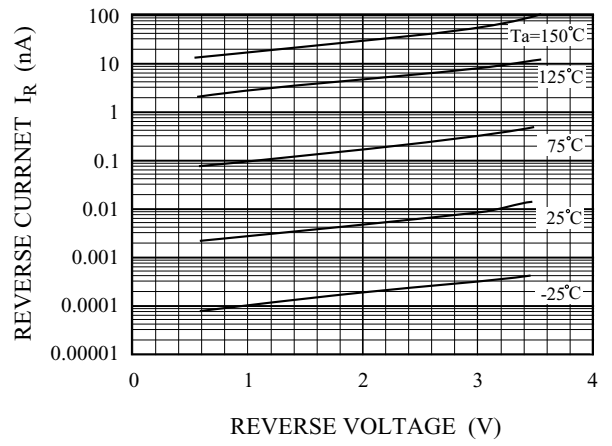
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Zener Voltage	V_Z	$I_t=5mA$	6.65	-	7.45	V
Reverse Leakage Current	I_R	$V_R=3.5V$	-	-	0.5	μA
Total Capacitance	C_t	$V_R=0V, f=1MHz$	-	-	5.0	pF

KDZ6.8DE

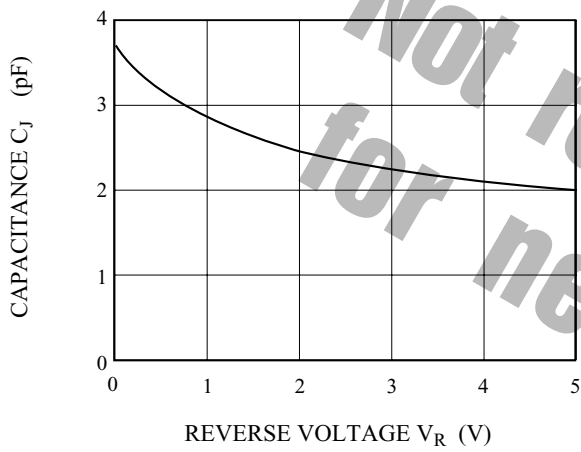
$V_Z - I_Z$



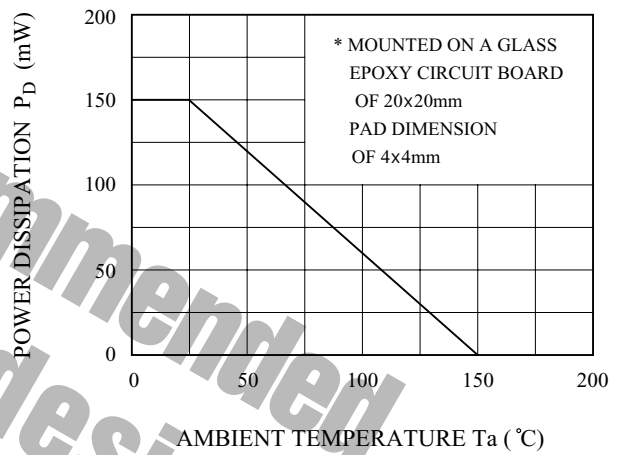
$I_R - V_R$



$C_J - V_R$



$P_D - T_a$



Not recommended for new design