

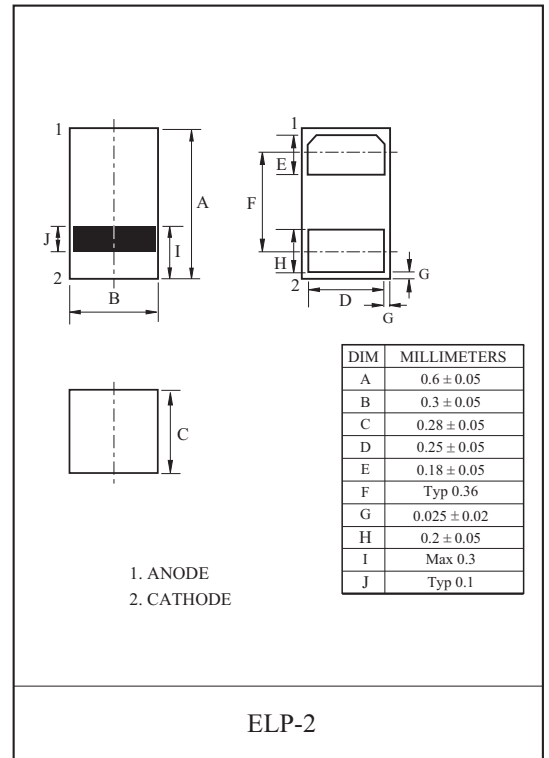
#### CONSTANT VOLTAGE REGULATION APPLICATION.

#### FEATURES

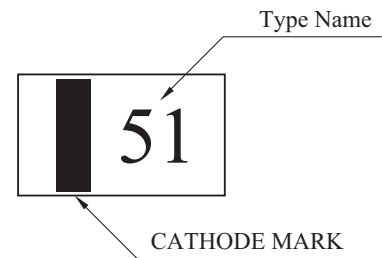
- Small Package : ELP-2

#### MAXIMUM RATING (Ta=25 )

CHARACTERISTIC	SYMBOL	RATING	UNIT
Power Dissipation	$P_D$	100	mW
Junction Temperature	$T_j$	150	
Operating Temperature	$T_{opr}$	-55 150	
Storage Temperature Range	$T_{stg}$	-55 150	



#### Marking

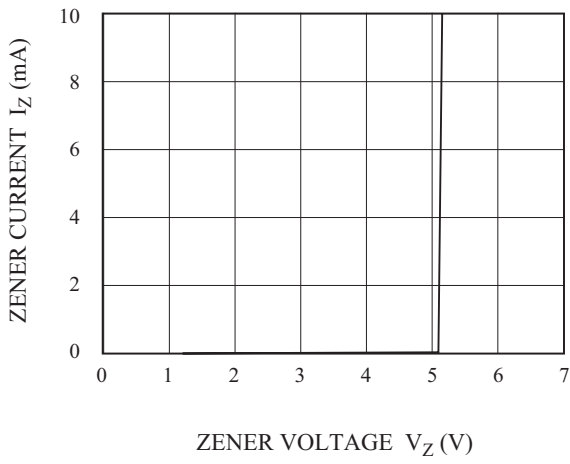


#### ELECTRICAL CHARACTERISTICS (Ta=25 )

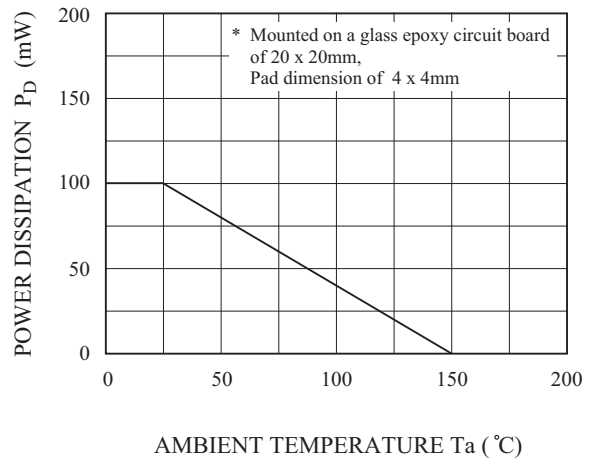
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Zener Voltage	$V_Z$	$I_Z=5mA$	4.84	-	5.37	V
Dynamic Impedance	$Z_Z$	$I_Z=5mA$	-	-	70	
Knee Dynamic Impedance	$Z_{ZK}$	$I_Z=0.5mA$	-	-	1,000	
Reverse Current	$I_R$	$V_R=1.5V$	-	-	2	$\mu A$

# KDZ5.1EL

$I_Z - V_Z$



$P_D - T_a$



$\gamma_Z - V_Z$

