

穩壓二極管 Zener Diode

Zener Diode 穩壓二極管

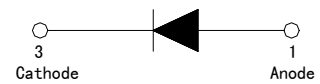
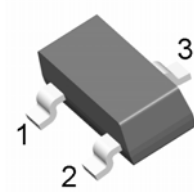
FHZ02W2.0V~02W39V

DESCRIPTION & FEATURES 概述及特點

Wide working voltage range: 2.0 to 39V 寬電壓範圍

General regulation functions. 普通電壓調整應用

SOT-23



PIN ASSIGNMENT 引腳說明

PIN NAME 管腳符號	PIN NUMBER 引腳序號	FUNCTION 功能
	SOT-23	
A	1	Anode
NC	2	—
C	3	Cathode

MAXIMUM RATINGS($T_a=25^\circ\text{C}$) 最大額定值

CHARACTERISTIC 特性參數	Symbol 符號	Rating 額定值	Unit 單位
Peak Forward Current 正向峰值電流	I_F	200	mAdc
Total Device Dissipation $T_A=25^\circ\text{C}$ 總耗散功率 氧化鋁襯底	P_D	225	mW
Junction and Storage Temperature 結溫和儲存溫度	$T_J,$ T_{stg}	150 , -55~150	$^\circ\text{C}$

穩壓二極管
Zener Diode

Zener Diode 穩壓二極管

FHZ02W2.0V~02W39V

ELECTRICAL CHARACTERISTICS 電特性

($T_A=25^{\circ}\text{C}$ unless otherwise noted 如無特殊說明，溫度為 25°C)

型號 TYPE	Marking	Zener Voltage V_Z (V) $I_Z=5\text{mA}$		Z_{ZT} $I_Z=5\text{mA}$ Ω Max	Z_{ZK} $I_Z=0.5\text{mA}$ Ω Max	Max I_R	@ μA	V_R V
		Min	Max					
FHZ02W2.0V	E1	1.85	2.15	100	1000	120	1	
FHZ02W2.2V	E2	2.05	2.38	100	1000	120	1	
FHZ02W2.4V	E3	2.28	2.6	100	1000	120	1	
FHZ02W2.7V	E4	2.5	2.9	110	1000	120	1	
FHZ02W3.0V	E5	2.8	3.2	120	1000	50	1	
FHZ02W3.3V	E6	3.1	3.5	130	1000	20	1	
FHZ02W3.6V	E7	3.4	3.8	130	1000	10	1	
FHZ02W3.9V	E8	3.7	4.1	130	1000	10	1	
FHZ02W4.3V	E9	4	4.5	130	1000	5	1	
FHZ02W4.7V	E0	4.4	4.9	120	1000	5	1	
FHZ02W5.1V	F1	4.8	5.4	70	1000	1	1.5	
FHZ02W5.6V	F2	5.3	6	40	900	1	2.5	
FHZ02W6.2V	F3	5.8	6.6	30	500	1	3	
FHZ02W6.8V	F4	6.4	7.2	25	150	0.5	5	
FHZ02W7.5V	F5	7	7.9	23	120	0.5	6	
FHZ02W8.2V	F6	7.7	8.7	20	120	0.5	6.5	
FHZ02W9.1V	F7	8.5	9.6	18	120	0.5	7	
FHZ02W10V	F8	9.4	10.6	15	120	0.5	8	
FHZ02W11V	F9	10.4	11.6	15	120	0.5	8.5	
FHZ02W12V	F0	11.4	12.6	15	110	0.5	9	
FHZ02W13V	H1	12.4	14.1	15	110	0.5	10	
FHZ02W15V	H2	13.8	15.6	15	110	0.5	11	
FHZ02W16V	H3	15.3	17.1	18	150	0.5	12	
FHZ02W18V	H4	16.8	19.1	20	150	0.5	14	
FHZ02W20V	H5	18.8	21.2	25	200	0.5	15	
FHZ02W22V	H6	20.8	23.3	30	200	0.5	17	
FHZ02W24V	H7	22.8	25.6	40	200	0.5	19	
FHZ02W27V	H8	25.65	28.35	70	600	0.1	21	
FHZ02W28V	H9	26.6	29.4	70	600	0.1	21	
FHZ02W30V	H0	28.5	31.5	78	600	0.1	23	
FHZ02W33V	J1	31.35	34.65	88	700	0.1	25	
FHZ02W36V	J2	34.2	37.8	95	700	0.1	27	
FHZ02W39V	J3	37.05	40.95	130	800	0.1	30	