



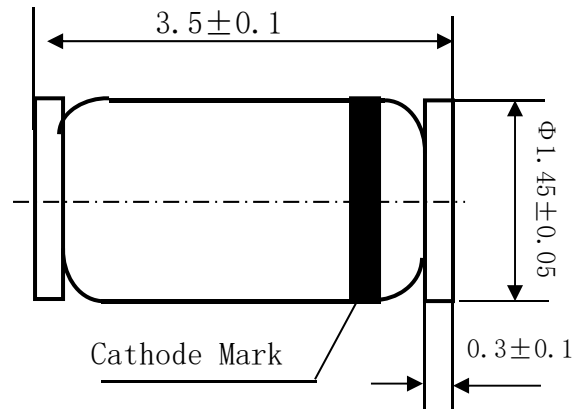
HZ2A1--HZ363 LL-34
SILICON EPITAXIAL PLANAR ZENER DIODES
FOR STABILIZED POWER SUPPLY

Features

.Low leakage, low zener impedance and maximum power dissipation of 500mw are ideally suited for stabilized power supply, etc.

.Wide spectrum from 1.6v through 38v of zener voltage provide flexible application.

LL-34



Glass case MiniMELF/LL-34
Dimensions in mm

Absolute Maximum Ratings(Ta=25°C)

Parameter	Symbol	Value	Unit
Power Dissipation	P_{tot}	500	mW
Junction Temperature	T_j	175	°C
Storage Temperature Range	T_s	-55 to +175	°C



稳压二极管
ZENER DIODES

TYPE	Zener Voltage			Reverse Current		Dynamic Resistance	
	$V_Z(V)$			$IR(\mu A)$		$r_d(\Omega)$	
	Min.	Max.	$I_Z(mA)$	Max.	$VR(V)$	Max.	$I_Z(mA)$

500mw ZENER DIODES/DO-35 or DO-34

HZ2A1	1.6	1.8					
HZ2A2	1.7	1.9	5	25	0.5	100	5
HZ2A3	1.8	2.0					
HZ2B1	1.9	2.1					
HZ2B2	2.0	2.2					
HZ2B3	2.1	2.3					
HZ2C1	2.2	2.4	5	5	0.5	100	5
HZ2C2	2.3	2.5					
HZ2C3	2.4	2.6					
HZ3A1	2.5	2.7					
HZ3A2	2.6	2.8					
HZ3A3	2.7	2.9					
HZ3B1	2.8	3.0					
HZ3B2	2.9	3.1	5	5	0.5	100	5
HZ3B3	3.0	3.2					
HZ3C1	3.1	3.3					
HZ3C2	3.2	3.4					
HZ3C3	3.3	3.5					
HZ4A1	3.4	3.6					
HZ4A2	3.5	3.7					
HZ4A3	3.6	3.8					
HZ4B1	3.7	3.9					
HZ4B2	3.8	4.0	5	5	1	100	5
HZ4B3	3.9	4.1					
HZ4C1	4.0	4.2					
HZ4C2	4.1	4.3					
HZ4C3	4.2	4.4					
HZ5A1	4.3	4.5					
HZ5A2	4.4	4.6					
HZ5A3	4.5	4.7					
HZ5B1	4.6	4.8					
HZ5B2	4.7	4.9	5	5	1.5	100	5
HZ5B3	4.8	5.0					
HZ5C1	4.9	5.1					
HZ5C2	5.0	5.2					
HZ5C3	5.1	5.3					
HZ6A1	5.2	5.5					
HZ6A2	5.3	5.6					
HZ6A3	5.4	5.7					
HZ6B1	5.5	5.8					
HZ6B2	5.6	5.9	5	5	2	40	5
HZ6B3	5.7	6.0					
HZ6C1	5.8	6.1					
HZ6C2	6.0	6.3					
HZ6C3	6.1	6.4					
HZ7A1	6.3	6.6					
HZ7A2	6.4	6.7	5	1	3.5	15	5
HZ7A3	6.6	6.9					



稳压二极管
ZENER DIODES

TYPE	Zener Voltage			Reverse Current		Dynamic Resistance	
	V_Z (V)			IR (μ A)		r_d (Ω)	
	Min.	Max.	I_Z (mA)	Max.	VR (V)	Max.	I_Z (mA)

500mw ZENER DIODES/DO-35 or DO-34

HZ7B1	6.7	7.0	5	1	3.5	15	5
HZ7B2	6.9	7.2					
HZ7B3	7.0	7.3					
HZ7C1	7.2	7.6					
HZ7C2	7.3	7.7					
HZ7C3	7.5	7.9					
HZ9A1	7.7	8.1	5	1	5	20	5
HZ9A2	7.9	8.3					
HZ9A3	8.1	8.5					
HZ9B1	8.3	8.7					
HZ9B2	8.5	8.9					
HZ9B3	8.7	9.1					
HZ9C1	8.9	9.3					
HZ9C2	9.1	9.5					
HZ9C3	9.3	9.7					
HZ11A1	9.5	9.9	5	1	7.5	25	5
HZ11A2	9.7	10.1					
HZ11A3	9.9	10.3					
HZ11B1	10.2	10.6					
HZ11B2	10.4	10.8					
HZ11B3	10.7	11.1					
HZ11C1	10.9	11.3					
HZ11C2	11.1	11.6					
HZ11C3	11.4	11.9					
HZ12A1	11.6	12.1	5	1	9.5	35	5
HZ12A2	11.9	12.4					
HZ12A3	12.2	12.7					
HZ12B1	12.4	12.9					
HZ12B2	12.6	13.1					
HZ12B3	12.9	13.4					
HZ12C1	13.2	13.7					
HZ12C2	13.5	14.0					
HZ12C3	13.8	14.3					
HZ151	14.1	14.7	5	1	11	40	5
HZ152	14.5	15.1					
HZ153	14.9	15.5					
HZ161	15.3	15.9	5	1	12	45	5
HZ162	15.7	16.5					
HZ163	16.3	17.1					
HZ181	16.9	17.7	5	1	13	55	5
HZ182	17.5	18.3					
HZ183	18.1	19.0					
HZ201	18.8	19.7	2	1	15	60	2
HZ202	19.5	20.4					
HZ203	20.2	21.1					
HZ221	20.9	21.9	2	1	17	65	2
HZ222	21.6	22.6					
HZ223	22.3	23.3					
HZ241	22.9	24.0	2	1	19	70	2
HZ242	23.6	24.7					
HZ243	24.3	25.5					



TYPE	Zener Voltage			Reverse Current		Dynamic Resistance	
	$V_Z(V)$			$I_R(\mu A)$		$r_d(\Omega)$	
	Min.	Max.	$I_Z(mA)$	Max.	$V_R(V)$	Max.	$I_Z(mA)$

Electrical Characteristics (Ta=25°C)

HZ271	25.2	26.6					
HZ272	26.2	27.6	2	1	21	80	2
HZ273	27.2	28.6					
HZ301	28.2	29.6					
HZ302	29.2	30.6	2	1	23	100	2
HZ303	30.2	31.6					
HZ331	31.2	32.6					
HZ332	32.2	33.6	2	1	25	120	2
HZ333	33.2	34.6					
HZ361	34.2	35.7					
HZ362	35.3	36.8	2	1	27	140	2
HZ363	36.4	38.0					

Note:1) Tested with DC

