HZS-LL Series

ZENER DIODES

P_D : 250 mW

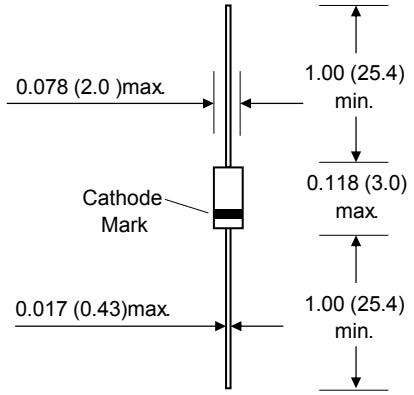
FEATURES :

* High reliability
* Low leakage current, low dynamic resistance
* Pb / RoHS Free

MECHANICAL DATA

Case: DO-34 Glass Case
Weight: approx. 0.093g

DO - 34 Glass



Dimensions in inches and (millimeters)

MAXIMUM RATINGS

Rating at 25 °C ambient temperature unless otherwise specified

Parameter	Symbol	Value	Unit
Forward Rectifier Current	I_F	50	mA
Power Dissipation	P_D	250	mW
Junction Temperature	Tj	175	°C
Storage Temperature Range	Tstg	- 55 to + 175	°C

ELECTRICAL CHARACTERISTICS

Rating at 25 °C ambient temperature unless otherwise specified

Type	Grade	Zener Voltage Vz (V)		Test Current I_{ZT}	Maximum Reverse Current I_R @ V_R		Maximum Zener Impredance ZZT @ IZT		Typical Zener Impredance Z_{ZK} @ I_{ZK}		ΔVz (V) ΔV_{Z1}*	ΔV_{Z2}*
		min.	max.	(mA)	(nA)	(V)	(Ω)	(mA)	(KΩ)	(mA)	max	max
HZS2LL	A	1.6	2.0	0.5	100	0.5	350	0.5	1.2	50	0.5	0.6
	B	1.9	2.3									
	C	2.2	2.6									
HZS3LL	A	2.5	2.9	0.5	100	1.0	360	0.5	1.2	50	0.5	0.6
	B	2.8	3.2									
	C	3.1	3.5									
HZS4LL	A	3.4	3.8	0.5	100	2.0	370	0.5	1.5	50	0.5	0.6
	B	3.7	4.1									
	C	4.0	4.4									
HZS5LL	A	4.3	4.7	0.5	100	3.0	380	0.5	1.5	50	0.5	0.6
	B	4.6	5.0									
	C	4.9	5.3									

* **$\Delta V_{Z1} = V_Z$ (I_Z = 0.5 mA) - V_{Z1} (I_Z = 0.05 mA)**
$\Delta V_{Z1} = V_{Z1}$ (I_Z = 0.5 mA) - V_{Z2} (I_Z = 0.05 mA)

Note:

When place an order HZSLL series, named HZS2ALL, HZS2BLL ····· HZS5CLL