

HZK-LL Series

P_D : 250 mW

FEATURES :

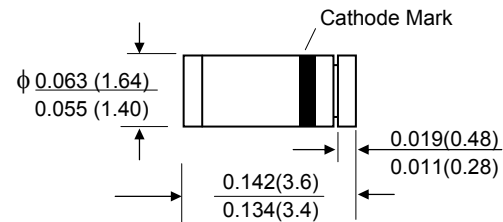
- * High reliability
- * Low leakage current, low dynamic resistance
- * Pb / RoHS Free

MECHANICAL DATA

- * Case : MiniMELF Glass Case (SOD-80C)
- * Weight : 0.05 gram (approximately)

ZENER DIODES

MiniMELF (SOD-80C)



MAXIMUM RATINGS (Ta=25°C)

Parameter	Symbol	Value	Unit
Forward Rectifier Current	I _F	50	mA
Power Dissipation	P _D	250	mW
Junction Temperature	T _j	175	°C
Storage Temperature Range	T _{stg}	- 55 to + 175	°C

ELECTRICAL CHARACTERISTICS (Ta=25°C)

Type	Grade	Zener Voltage		Test Current	Maximum Reverse Current		Maximum Zener Impedance		Typical Zener Impedance		ΔV _z (V)	
		V _z (V)		I _{zT}	I _R @ V _R		Z _{zT} @ I _{zT}		Z _{zK} @ I _{zK}		ΔV _{z1} *	ΔV _{z2} *
		min.	max.	(mA)	(μA)	(V)	(Ω)	(mA)	(KΩ)	(μA)	max	max
HZK2LL	A	1.6	2.0	0.5	0.5	0.5	350	0.5	1.2	50	0.5	0.6
	B	1.9	2.3									
	C	2.2	2.6									
HZK3LL	A	2.5	2.9	0.5	0.5	1.0	360	0.5	1.2	50	0.5	0.6
	B	2.8	3.2									
	C	3.1	3.5									
HZK4LL	A	3.4	3.8	0.5	0.5	2.0	370	0.5	1.5	50	0.5	0.6
	B	3.7	4.1									
	C	4.0	4.4									
HZK5LL	A	4.3	4.7	0.5	0.5	3.0	380	0.5	1.5	50	0.5	0.6
	B	4.6	5.0									
	C	4.9	5.3									

* Δ V_{z1} = V_z (I_z = 0.5 mA) - V_{z1} (I_z = 0.05 mA)

Δ V_{z2} = V_{z1} (I_z = 0.05 mA) - V_{z2} (I_z = 0.001 mA)

Note:

When place an order HZK-LL series, named HZK2ALL, HZK2BLL..... HZK5CLL