

Silicon Zener Diodes



Glass Axial Leaded

Low Level Zener Diodes, Sharp Knee, Low Impedance					
Model	Zener Voltage V _z V _{dc}	Dynamic Impedance		Reverse Current	
	TYP	Z _z Ω MAX	Z _{zk} Ω	I _r μA MAX	V _r V _{dc}
K511	5.1	50	15	.05	2.5
K561	5.6	45	15	.05	3.5
K621	6.2	35	18	.05	5.6
K681	6.8	25	18	.05	6.4
Test Conditions	@ I _z = 250 μA	@ I _z = 250 μA	@ I _z = 1 mA	@ 25° C	

Maximum Rating	Parameters	Value	Rating
	DC Power Dissipation	@T _a = 50° C	250 mW
	Derate above 50° C		2 mW/° C
	Forward Voltage Drop	@ I _f = 100 mA	1.3 V _{dc}
	Operating Temperature		-65 to + 175° C
	Storage Temperature		-65 to + 200° C
	Voltage Tolerance:	Standard Device	+10%