



**LOW LEVEL ZENER DIODES
SHARP KNEE, LOW IMPEDANCE
K511 - K681**

- **Unique manufacturing process**
- **Remarkably sharp breaking diodes**
- **Very low impedances at low current levels**
- **Lowest values of impedance ever achieved at the 250uA level**

PART NUMBER	NOMINAL ZENER VOLTAGE @ I _z = 250μA (Vdc)	DYNAMIC IMPEDANCE		REVERSE CURRENT @ 25° C	
		MAX Z _z @ I _z = 250 μA (OHMS)	MAX Z _{zk} @ I _z = 1 mA (OHMS)	MAX I _r (μA)	V _r (Vdc)
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

Package Style		DO-7
DC Power Dissipation	@ Ta = 50° C	250 mW
Derate above 50° C		2 mW / °C
Forward Voltage Drop	@ If = 100 mA	1.3 Vdc
Operating Temperature (Topr)		-65 to + 175° C
Storage Temperature (Tstg)		-65 to + 200° C
Voltage Tolerance:	Standard Device	±10%