

**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 @ $I_z = 250\mu A$ (Vdc)	DYNAMIC IMPEDANCE		REVERSE CURRENT @ 25° C	
		MAX Z_z @ $I_z = 250\mu A$ (OHMS)	MAX Z_{zk} @ $I_z = 1\text{ mA}$ (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 DC Power Dissipation Derate above 50° C Forward Voltage Drop Operating Temperature (Topr) Storage Temperature (Tstg) Voltage Tolerance: @ Ta = 50° C @ If = 100 mA Standard Device DO-7 250 mW 2 mW / °C 1.3 Vdc -65 to + 175° C -65 to + 200° C ±10%					