

**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 @ Iz = 250µA (Vdc)	DYNAMIC IMPEDANCE		REVERSE CURRENT @ 25° C	
		MAX Zz @ Iz = 250 µA (OHMS)	MAX Zzk @ Iz = 1 mA (OHMS)	MAX Ir (µA)	Vr (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
<b>Package Style</b> <b>DC Power Dissipation</b> <b>Derate above 50° C</b> <b>Forward Voltage Drop</b> <b>Operating Temperature (Topr)</b> <b>Storage Temperature (Tstg)</b> <b>Voltage Tolerance:</b>		<b>@ Ta = 50° C</b>  <b>@ If = 100 mA</b>  <b>Standard Device</b>	<b>DO-7</b> <b>250 mW</b> <b>2 mW / °C</b> <b>1.3 Vdc</b> <b>-65 to + 175° C</b> <b>-65 to + 200° C</b> <b>±10%</b>		