

**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

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%