

Silicon Zener Diodes



Glass Axial Leaded

| Low Level Zener Diodes, Sharp Knee, Low Impedance | | | | | |
|---|----------------------------|-------------------|-------------|-----------------|-----------|
| Model | Zener Voltage Vz Vdc | Dynamic Impedance | | Reverse Current | |
| | TYP | Zz Ω MAX | Zzk Ω | Ir μA MAX | 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 |
| Test Conditions | @ Iz = 250 μA | @ Iz = 250 μA | @ Iz = 1 mA | @ 25° C | |

| Maximum Rating | Parameters | Value | Rating |
|----------------|-----------------------|-----------------|-----------------|
| | 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 | | -65 to + 175° C |
| | Storage Temperature | | -65 to + 200° C |
| | Voltage Tolerance: | Standard Device | +10% |