

**LOW LEVEL ZENER DIODES
VERY LOW VOLTAGE, LOW LEAKAGE
K120 - K510**

- Conserves battery life
- Unique manufacturing process
- Provides lowest reverse leakage currents
- Low impedance at currents specified at 10 mA and below

| PART NUMBER | NOMINAL ZENER VOLTAGE Vz @ Iz = 10 mA (Vdc) | DYNAMIC IMPEDANCE | | REVERSE CURRENT @ 25° C | |
|-------------|---|----------------------------------|----------------------------------|----------------------------|-------------|
| | | MAX Zz @ Iz = 10 mA (OHMS) | MAX Zzk @ Iz = 1 mA (OHMS) | MAX Ir (µA) | Vr (Vdc) |
| K120 | 1.2 | 20 | 125 | .05 | 0.4 |
| K150 | 1.5 | 20 | 125 | .05 | 0.5 |
| K180 | 1.8 | 20 | 125 | .05 | 0.6 |
| K210 | 2.1 | 20 | 125 | .05 | 0.9 |
| K240 | 2.4 | 20 | 125 | .05 | 1.2 |
| K270 | 2.7 | 20 | 125 | .05 | 1.7 |
| K300 | 3.0 | 20 | 125 | .05 | 1.9 |
| K330 | 3.3 | 20 | 125 | .05 | 2.2 |
| K360 | 3.6 | 20 | 125 | .05 | 2.5 |
| K390 | 3.9 | 20 | 125 | .05 | 2.7 |
| K430 | 4.3 | 25 | 135 | .05 | 3.1 |
| K470 | 4.7 | 25 | 135 | .05 | 3.5 |
| K510 | 5.1 | 25 | 135 | .05 | 3.8 |

| | | |
|--------------------------------|-----------------|-----------------|
| Package Style | | DO-7 |
| DC Power Dissipation | @ Ta = 50° C | 250 mW |
| Operating Temperature (Topr) | | -65 to + 175° C |
| Storage Temperature (Tstg) | | -65 to + 200° C |
| Voltage Tolerance: | Standard Device | ±10% |
| Other package styles available | | |



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