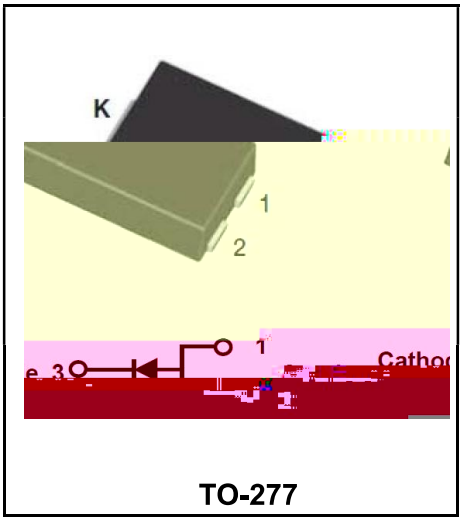

TO-277

- The plastic package carries Underwriters Laboratory Flammability Classification 94V-0
- For surface mounted applications
- Built-in strain relief,ideal for automated placement
- Low forward voltage drop
- High forward surge current capability
- High temperature soldering guaranteed 260°C/10 seconds at terminals

- Case : Molded plastic body
- Terminals : Solder plated, solderable per MIL-STD-750,Method 2026
- Polarity : Polarity symbol marking on body
- Mounting Position : Any
- Weight : 0.003 ounce, 0.092 grams

(Ta=25 unless otherwise specified)

Maximum Repetitive Peak Reverse Voltage		300	
Maximum RMS voltage		210	
Maximum DC Blocking Voltage		300	
Maximum Average Forward Rectified Current at T_L=100°C		10	
Peak Forward Surge Current, 8.3ms Single Half Sine-wave Superimposed On Rated Load		150	
Maximum Instantaneous Forward Voltage at 10 A		0.85	
Maximum Instantaneous Reverse Current T = 25°C at Rated DC Reverse Voltage T = 100°C		0.5 1	
Typical Thermal Resistance	q	8	
Operating Junction Temperature Range		-55 ~ +150	
Storage Temperature Range		-55 ~ +150	

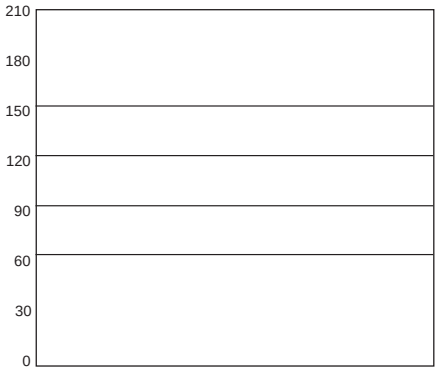

FIG. 4-TYPICAL REVERSE LEAKAGE CHARACTERISTICS

