

## Ratings and Characteristic Curves

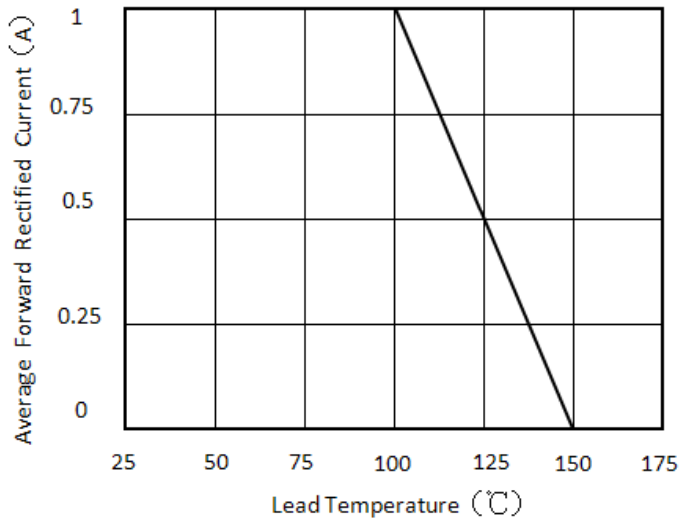


Figure 1. Forward Current Derating Curve

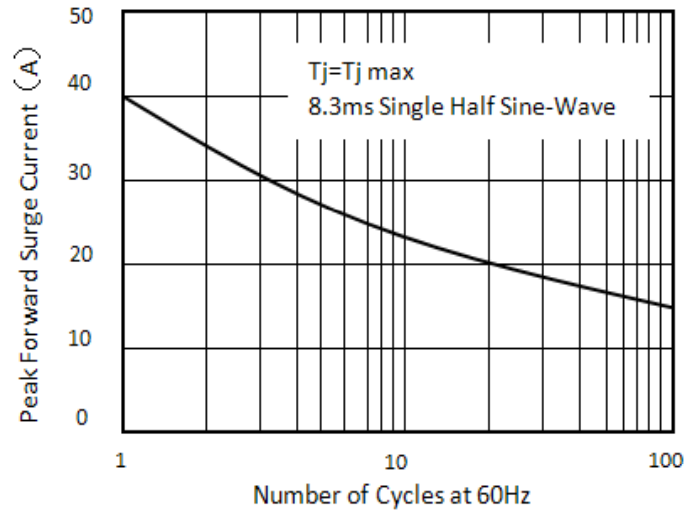


Figure 2. Maximum Non-Repetitive Peak Forward Surge Current

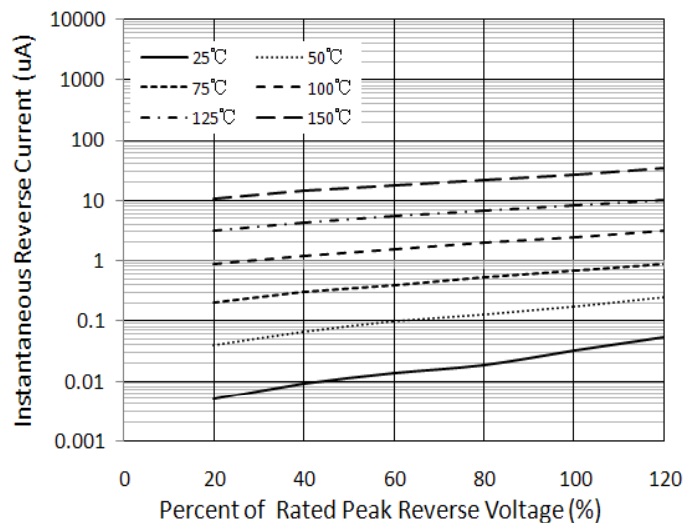


Figure 3. Typical Reverse Characteristics

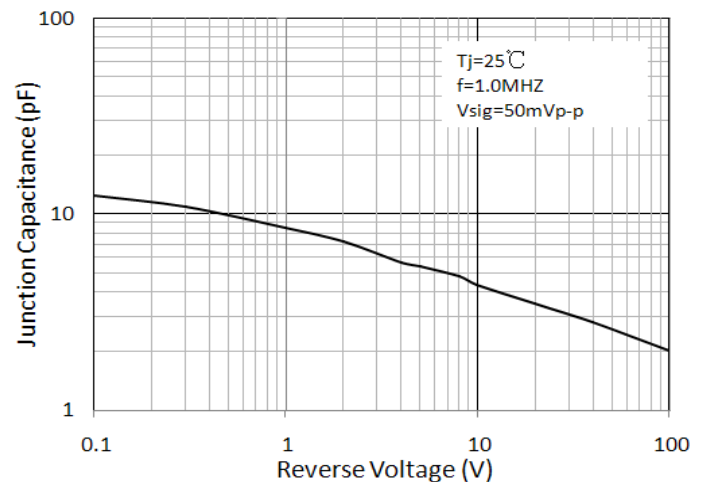


Figure 4. Typical Junction Capacitance

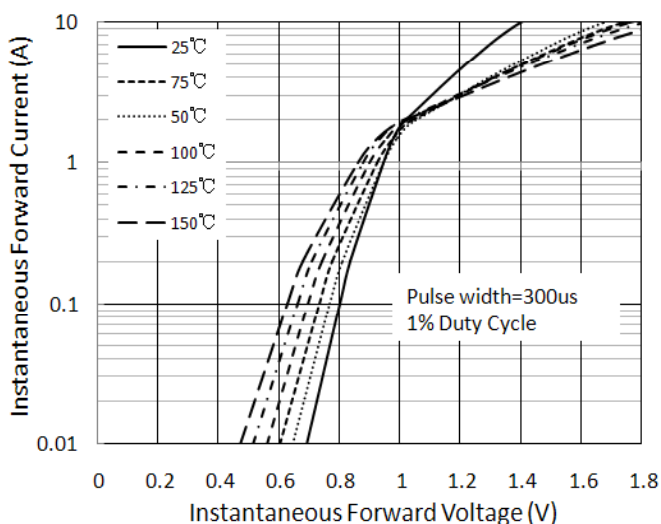
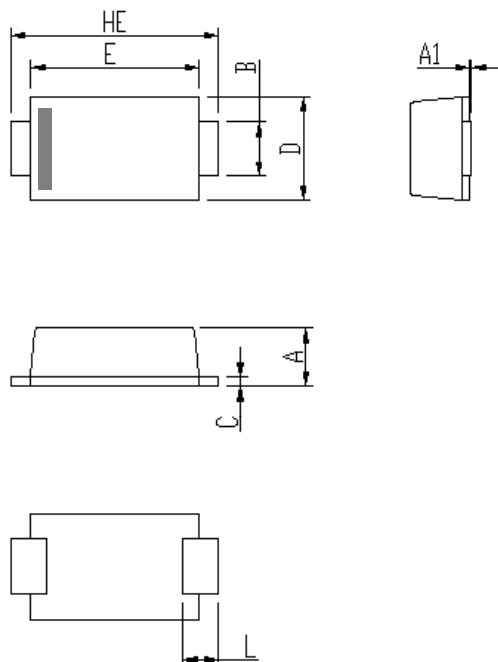


Figure 5. Typical Instantaneous Forward Characteristics

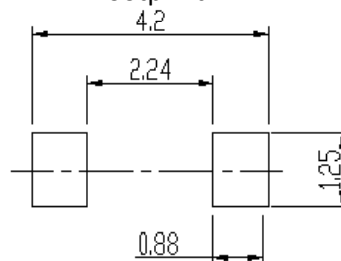
## Package Outline Dimensions

eSGA (SOD-123FL)



| DIM | Unit: mm |      | Unit: inch |       |
|-----|----------|------|------------|-------|
|     | MIN      | MAX  | MIN        | MAX   |
| A   | 0.9      | 1.08 | 0.035      | 0.043 |
| A1  | 0        | 0.1  | 0.000      | 0.004 |
| B   | 0.85     | 1.05 | 0.033      | 0.041 |
| C   | 0.1      | 0.25 | 0.004      | 0.010 |
| D   | 1.7      | 2    | 0.067      | 0.079 |
| E   | 2.9      | 3.1  | 0.114      | 0.122 |
| L   | 0.43     | 0.83 | 0.017      | 0.033 |
| HE  | 3.5      | 3.9  | 0.138      | 0.154 |

Soldering  
footprint



## Packing Information

**Packing quantities:**

3000 pcs/Reel, 40 Reels/Box; 8mm Tape, 7" Reel

**Tape & Reel Specification**

