

# **SENSITRON** **SEMICONDUCTOR**

SS3595-1  
SS3595US-1

## **TECHNICAL DATA** **DATA SHEET 5087, REV. -**

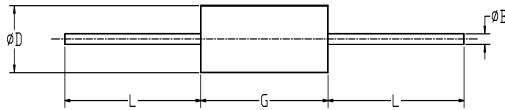
### **SWITCHING DIODE SS3595-1, SS3595US-1**

- Hermetic, non-cavity glass package
- Metallurgically bonded
- Physical dimensions: Axial lead similar to DO-35 and surface mount similar to D-5D

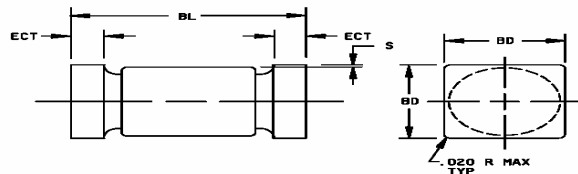
Maximum ratings  $T_A = +25^{\circ}\text{C}$

| Type                  | $V_{RWM}$    | $I_o$     | $I_{FSM}$<br>$T_p = 1s$ | $T_{STG}, T_J$                    | $R_{\theta JL}$<br>$L = .375$ | $R_{\theta JEC}$<br>$L = 0$ | $R_{\theta JX}$             |
|-----------------------|--------------|-----------|-------------------------|-----------------------------------|-------------------------------|-----------------------------|-----------------------------|
| SS3595,<br>SS3595US-1 | V(pk)<br>125 | MA<br>150 | mA(pk)<br>500           | $^{\circ}\text{C}$<br>-65 to +175 | $^{\circ}\text{C/W}$<br>250   | $^{\circ}\text{C/W}$<br>40  | $^{\circ}\text{C/W}$<br>245 |

### **AXIAL**



### **MELF**



### **SS3595, SS3595US-1**

| PACKAGE | DIMENSIONS - INCHES (MILLIMETERS) |                        |                        |                        |
|---------|-----------------------------------|------------------------|------------------------|------------------------|
| STYLE   | $\phi B$                          | $\phi D$               | G                      | L                      |
| DO-35   | .018/.022<br>0.46/0.56            | .056/.080<br>1.42/2.03 | .130/.180<br>3.30/4.57 | 1.00/1.5<br>25.4/38.10 |

### **SS3595, SS3595US-1**

| PACKAGE | DIMENSIONS - INCHES (MILLIMETERS) |                        |              |                        |
|---------|-----------------------------------|------------------------|--------------|------------------------|
| STYLE   | BL                                | BD                     | S            | ECT                    |
| D-5D    | .165/.195<br>4.19/4.95            | .070/.085<br>1.78/2.16 | 0.003<br>Min | .019/.028<br>0.48/0.71 |

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