

## TRIGGER DIODES

### FEATURES

- $V_{BO}$  : 32V VERSION
- LOW BREAKOVER CURRENT

### DESCRIPTION

High reliability glass passivation insuring parameter stability and protection against junction contamination.



### ABSOLUTE RATINGS (limiting values)

| Symbol             | Parameter  |  | Value                          | Unit                                 |
|--------------------|--|--|--------------------------------|--------------------------------------|
| P                  | Power dissipation on printed circuit             | $T_a = 65\text{ }^\circ\text{C}$                     | 150                            | mW                                   |
| $I_{TRM}$          | Repetitive peak on-state current                 | $t_p = 20\text{ }\mu\text{s}$<br>$F = 100\text{ Hz}$ | 2                              | A                                    |
| $T_{stg}$<br>$T_j$ | Storage and operating junction temperature range |  | - 40 to + 125<br>- 40 to + 125 | $^\circ\text{C}$<br>$^\circ\text{C}$ |

### THERMAL RESISTANCES

| Symbol        | Parameter             | Value | Unit               |
|---------------|-----------------------|-------|--------------------|
| $R_{th(j-a)}$ | Junction to ambient   | 400   | $^\circ\text{C/W}$ |
| $R_{th(j-l)}$ | Junction to tie-point | 300   | $^\circ\text{C/W}$ |