

# Small Signal Switching Diode

DO-35 glass, 100 V



## FEATURES:

Silicon epitaxial planar switching diode  
High speed switching

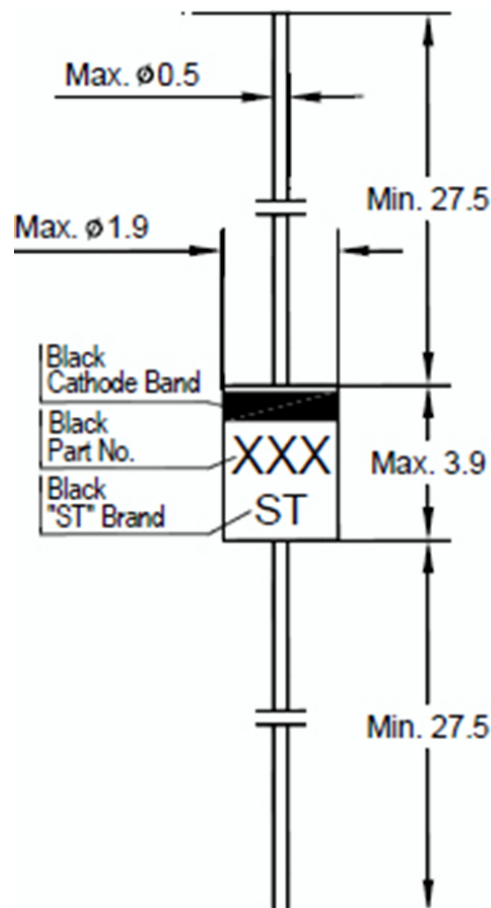
## SPECIFICATION:

|                          |               |
|--------------------------|---------------|
| Off-state voltage        | 100 V         |
| Conducting-state current | 200 mA        |
| Recovery time            | 4 ns          |
| Housing type             | DO-35 glass   |
| Conducting-state voltage | 1 V           |
| Operating temperature    | -50...+200 °C |
| Power dissipation        | 500 mW        |
| Capacitance              | 4 pF          |



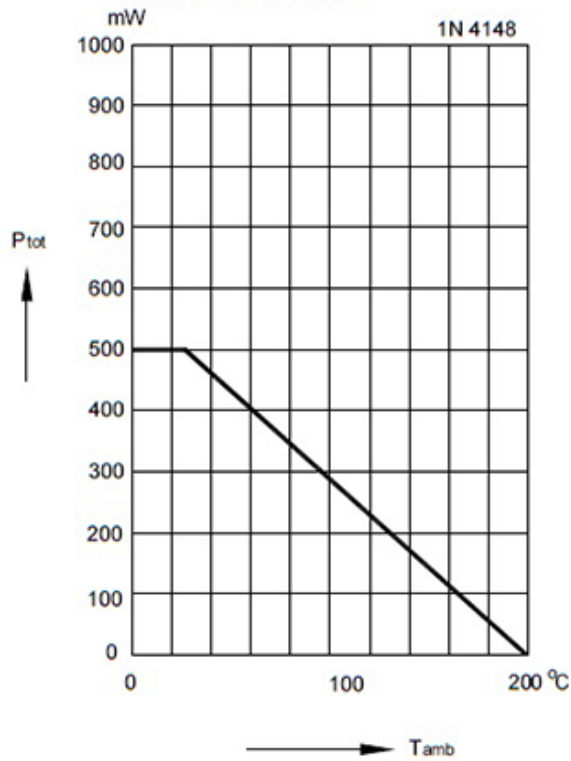
Art. Nr.

RND 1N4148

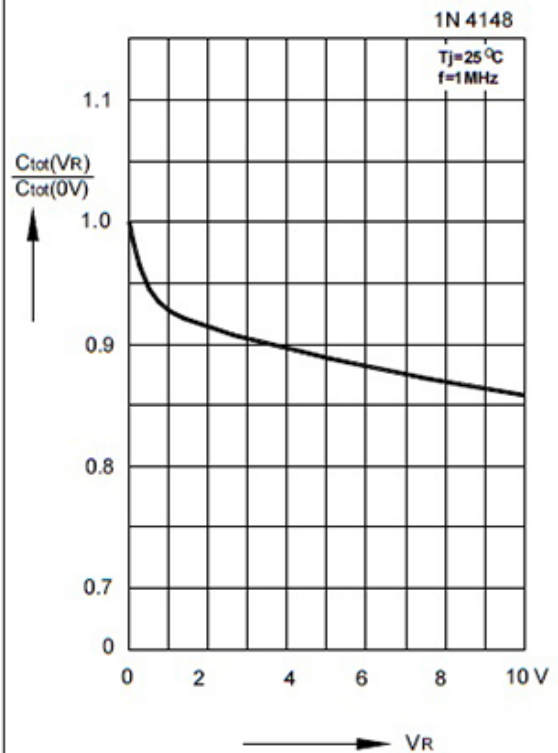


Glass Case DO-35  
Dimensions in mm

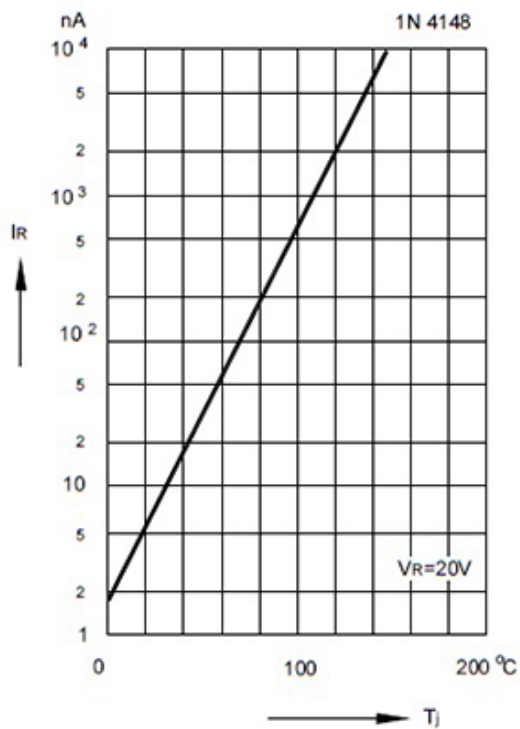
**Admissible power dissipation versus ambient temperature**  
 Valid provided that leads at a distance of 8 mm from case are kept at ambient temperature



**Relative capacitance versus reverse voltage**



**Leakage current versus junction temperature**



**Forward characteristics**

