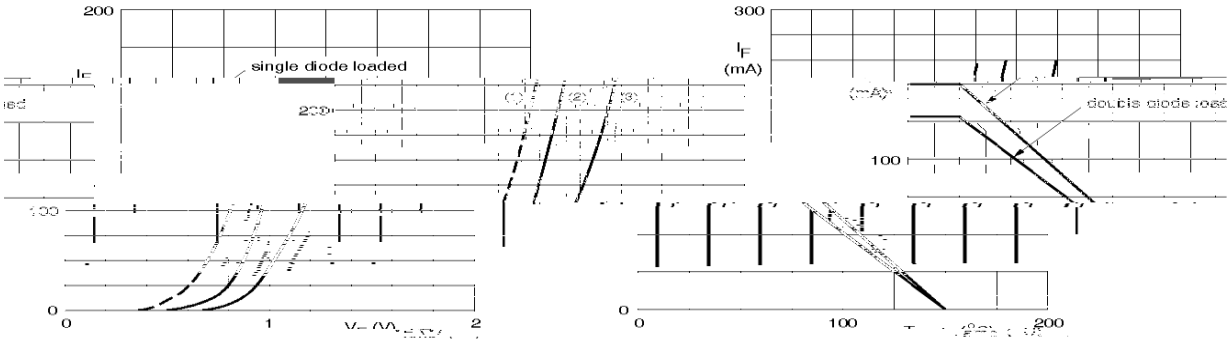
Cone t

| | |
|---|---|
| | |

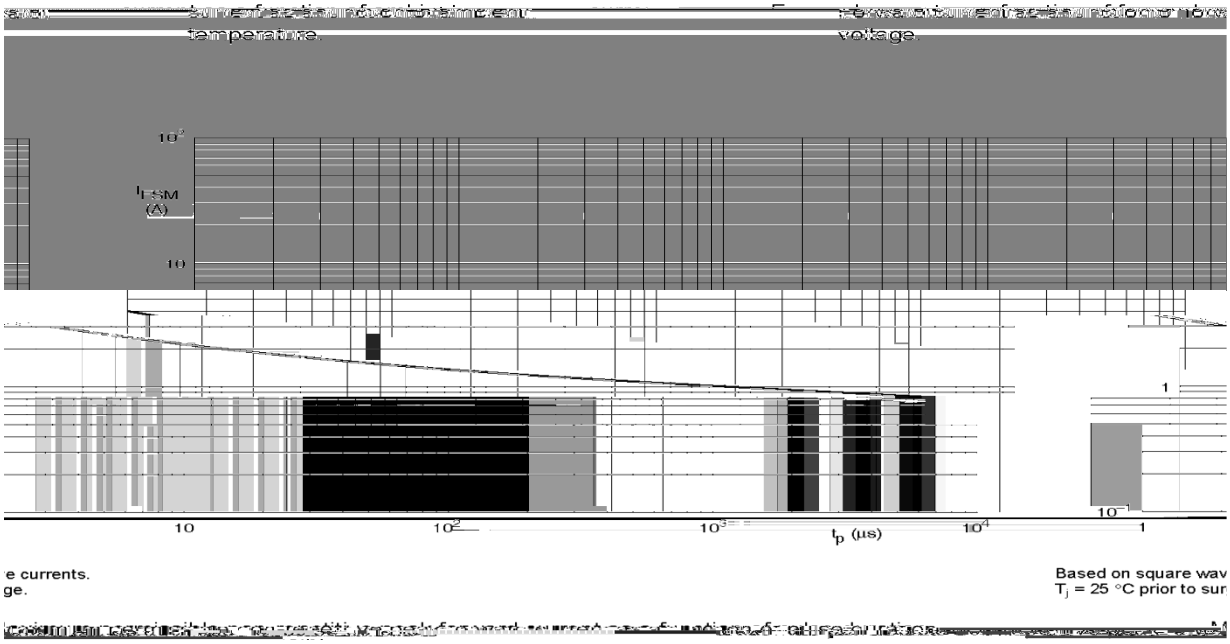
| Parameter | Symbol | Value | Unit |
|---|---|---|---|
| Repetitive Peak Reverse Voltage | $V_{RRM}$ | 85 | V |
| Reverse Voltage | $V_R$ | 75 | V |
| Continuous Forward Current | | | |




Device mounted on an FR4 printed-circuit board.

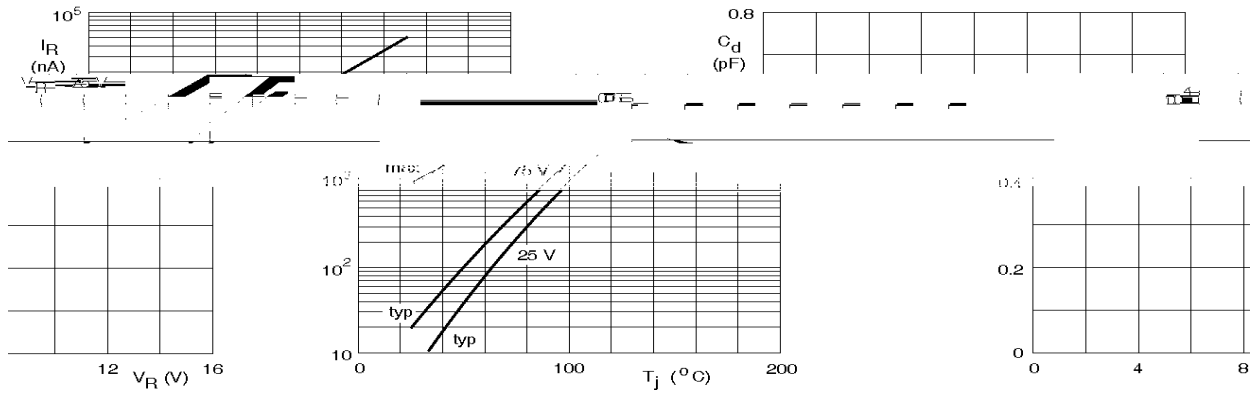
(1) $T_j$ = 150 °C; typical values.
(2) $T_j$ = 25 °C; typical values.
(3) $T_j$ = 25 °C; maximum values.

Maximum permissible continuous forward




e currents.
ge.

Based on square wav
$T_j$ = 25 °C prior to sur




f = 1 MHz; $T_j$ = 25 °C.

ıs a function of reverse
es.

Reverse current as a function of junction temperature.

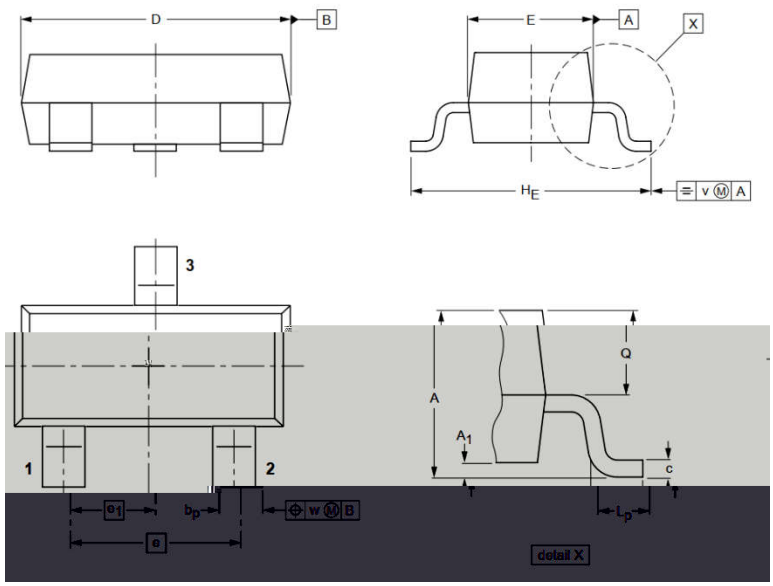
Diode capacitance a
voltage; typical valu

## Ordering information

| Package | Packing Description | Base Quantity | Packing Quantity |
|---|---|---|---|
| **SOT-323** | Tape/Reel,7”reel | 3000pcs/Reel | 24000PCS/Box 120000PCS/Carton |

## Package Dimensions

**SOT-323**




| Dim. | Millimeter (mm) | | mil | |
|---|---|---|---|---|
| | Min. | Max. | Min. | Max. |
| A | 0.8 | 1.1 | 32 | 43 |
| A1 | 0.1 | | 4 | |
| bp | 0.3 | 0.4 | 12 | 16 |
| C | 0.10 | 0.25 | 4 | 10 |
| D | 1.8 | 2.2 | 71 | 87 |
| E | 1.15 | 1.35 | 45 | 53 |
| E | 1.3 | | 51 | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
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## The recommended mounting pad size

