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## BA243A, BA244A

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## Silicon Epitaxial Planar Diode Switches

for electronic band-switching in radio and TV tuners in the frequency range of $50 \ldots 1000 \mathrm{MHz}$. The dynamic forward resistance is constant and very small over a wide range of frequency and forward current. The reverse capacitance is also small and largely independent of the reverse voltage.

These diodes are delivered taped. Details see "Taping".


Glass case JEDEC DO-35

Weight approx. 0.13 g
Dimensions in mm

Absolute Maximum Ratings $\left(T_{\mathbf{a}}=25^{\circ} \mathrm{C}\right.$ )

|  | Symbol | Value | Unit |
| :--- | :--- | :--- | :---: |
| Reverse Voltage | $\mathrm{V}_{\mathrm{R}}$ | 35 | V |
| Forward Current at $\mathrm{T}_{\text {amp }}=25^{\circ} \mathrm{C}$ | $\mathrm{I}_{\mathrm{F}}$ | 100 | mA |
| Junction Temperature | $\mathrm{T}_{\mathrm{I}}$ | 150 | ${ }^{\circ} \mathrm{C}$ |
| Storage Temperature Range | $\mathrm{T}_{\mathrm{s}}$ | -55 to +150 | ${ }^{\circ} \mathrm{C}$ |

Characteristics at $\mathrm{T}_{\text {amp }}=25^{\circ} \mathrm{C}$


