

SB0030-04A

Schottky Barrier Diode

40V, 30mA Rectifier

Applications

· Small current rectification.

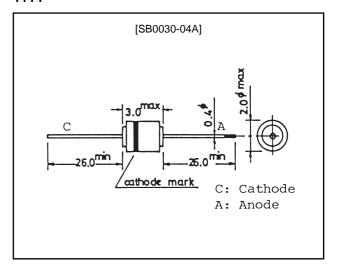
Features

- $\cdot \ Glass\text{-}sleeve \ structure.$
- · Facilitating high-density mounting.

Package Dimensions

unit: mm

1114

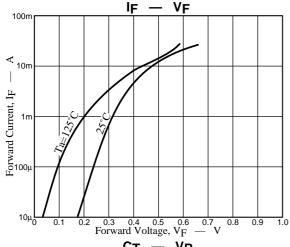


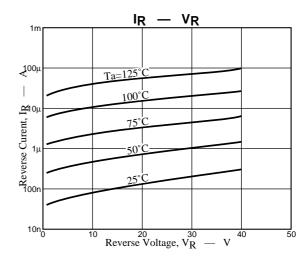
Absolute Maximum Ratings at Ta = 25 °C

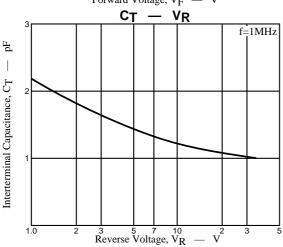
| Parameter | Symbol | Conditions | Ratings | Unit |
|---------------------------|----------------|------------|-------------|------|
| Peak Reverse Voltage | V_{RM} | | 40 | V |
| Reverse Voltage | V_R | | 40 | V |
| Average Rectified Current | I _O | | 30 | mA |
| Junction Temperature | Tj | | 125 | °C |
| Storage Temperature | Tstg | | -55 to +125 | °C |

Electrical Characteristics Ta = 25 °C

| Parameter | Symbol | Conditions | Ratings | | | Unit |
|---------------------------|----------------|------------------------------|---------|-----|------|-------|
| | | | min | typ | max | Offic |
| Forward Voltage | V _F | I _F =1 mA | | | 0.37 | V |
| Reverse Current | I _R | V _R =25 V | | | 0.5 | μΑ |
| Interterminal Capacitance | C _T | V _R =1 V, f=1 MHz | | 2.0 | | pF |







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