

## Applications

- High-voltage, power switching


## Features

. Fast speed ( $t_{f \text { max }}=0.4$ us).

- High reliability (Adoption of HVP process).
- High breakdown voltage ( $\mathrm{V}_{\mathrm{CBO}}=1500 \mathrm{~V}$ ).
. Micaless package facilitating mounting operation.

| Absolute Maximur Ratings at $\mathrm{Ta}=25^{\circ} \mathrm{C}$ |  |  |  | unit |
| :---: | :---: | :---: | :---: | :---: |
| Collector to Base Voltage | $\mathrm{V}_{\text {CBO }}$ |  | 1500 | V |
| Collector to Emitter Voltage | $V_{\text {CEO }}$ |  | 800 | V |
| Emitter to Base Voltage | $\mathrm{V}_{\text {EBO }}$ |  | 6 | V |
| Collector Current | $\mathrm{I}_{\mathrm{C}}$ |  | 6 | A |
| Peak Collector Current | $1{ }_{\text {cp }}$ |  | 16 | A |
| Collector Dissipation | ${ }^{\text {P/p }}$ | $\mathrm{T}_{\mathrm{C}}=25^{\circ} \mathrm{C}$ | 60 | W |
| Junction Temperature | T ${ }^{\text {j }}$ |  | 150 | ${ }^{\circ} \mathrm{C}$ |
| Storage Temperature | Tstg |  | -55 to +150 | ${ }^{\circ} \mathrm{C}$ |












## 1492

#  





## CASE OUTLINES AND ATTACHMENTS

$\square$
－All of Sanyo Transistor case outlines are illustrated below．
－All dimensions are in mm，and dimensions which are not followed by min．or max．are represented by typical values．
－No marking is indicated．


Case Outline－［2004A］ unit：mm



Case Outline－［2010A］
unit：mm


## 56



| Case Outline-[2030A] unit:mm |
| :---: |



58



Case Outline-[2046] unit:mm



59
SANYO SEMICONDUCTOR CORP
$\left.\qquad \begin{array}{cc}\text { Case Outline-[2056] unit:mm } \\ \hline\end{array}\right)$



60


JIS No.B1111 M3 $\times 0.5$


JIS No.G3141 Rectangular washer



SANYO Lug 1.4

Case Outline-[0019] unit:mm


Thickness : 0.3
SANYO Lug 1.8p


