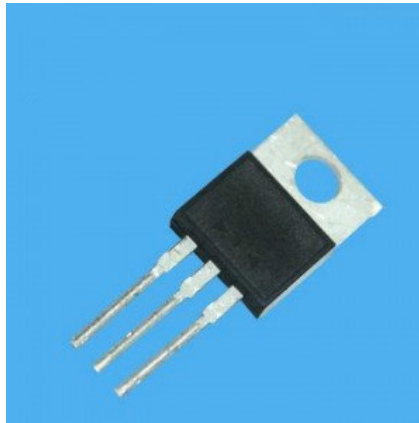




### TIP32 Bipolar Transistors TO-220



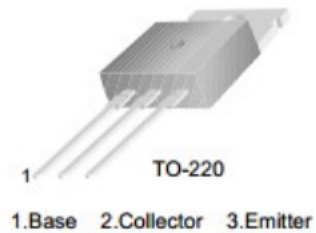
#### Specifications

TIP32 Bipolar Transistors TO-220

### TIP32 Series(TIP32/32A/32B/32C)

#### Medium Power Linear Switching Applications

- Complement to TIP31/31A/31B/31C



#### PNP Epitaxial Silicon Transistor

#### Absolute Maximum Ratings $T_C=25^{\circ}\text{C}$ unless otherwise noted

| Symbol    | Parameter  | Value      | Units              |
|-----------|--|------------|--------------------|
| $V_{CBO}$ | Collector-Base Voltage                             | : TIP32    | - 40               |
|           |  | : TIP32A   | - 60               |
|           |  | : TIP32B   | - 80               |
|           |  | : TIP32C   | - 100              |
| $V_{CEO}$ | Collector-Emitter Voltage                          | : TIP32    | - 40               |
|           |  | : TIP32A   | - 60               |
|           |  | : TIP32B   | - 80               |
|           |  | : TIP32C   | -100               |
| $V_{EBO}$ | Emitter-Base Voltage                               | - 5        | V                  |
| $I_C$     | Collector Current (DC)                             | - 3        | A                  |
| $I_{CP}$  | Collector Current (Pulse)                          | - 5        | A                  |
| $I_B$     | Base Current                                       | - 3        | A                  |
| $P_C$     | Collector Dissipation ( $T_C=25^{\circ}\text{C}$ ) | 40         | W                  |
| $P_C$     | Collector Dissipation ( $T_a=25^{\circ}\text{C}$ ) | 2          | W                  |
| $T_J$     | Junction Temperature                               | 150        | $^{\circ}\text{C}$ |
| $T_{STG}$ | Storage Temperature                                | - 65 ~ 150 | $^{\circ}\text{C}$ |