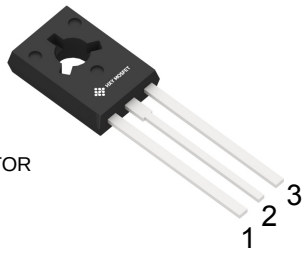
# MJE340STU

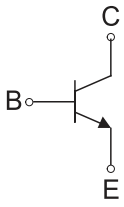
NPN Plastic-Encapsulate Transistors

## Features

- Power Dissipation




TO-126




## Package Marking and Ordering Information

| Product ID | Pack | Packing Method | Qty(PCS) |
|---|---|---|---|
| MJE340STU | TO-126 | Bulk | 200 |

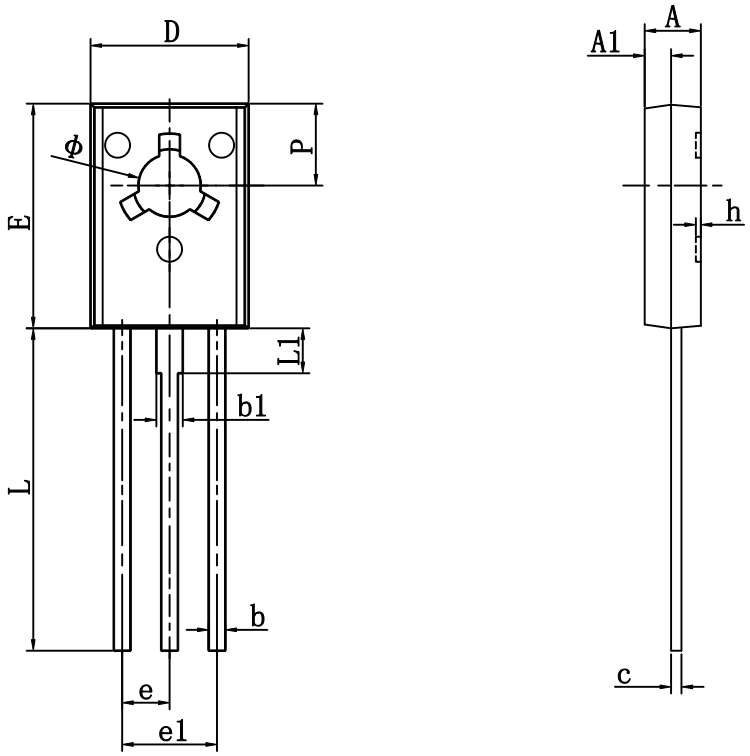
## Maximum Ratings (Ta=25°C unless otherwise noted)

| Symbol | Parameter | Value | Unit |
|---|---|---|---|
| $V_{CBO}$ | Collector-Base Voltage | 350 | V |
| $V_{CEO}$ | Collector-Emitter Voltage | 350 | V |
| $V_{EBO}$ | Emitter-Base Voltage | 6 | V |
| $I_C$ | Collector Current -Continuous | 0.5 | A |
| $P_C$ | Collector Dissipation | 0.625 | W |
| $T_J$, $T_{stg}$ | Operation Junction and Storage Temperature Range | -55~+150 | ℃ |

## Electrical Characteristics(Ta=25°C unless otherwise specified)

| Parameter | symbol | Test conditions | Min | Max | Unit |
|---|---|---|---|---|---|
| Collector-base breakdown voltage | $V_{(BR)CBO}$ | $I_C$ =1mA, $I_E$=0 | 350 | | V |
| Collector-emitter breakdown voltage | $V_{(BR)CEO}$ | $I_C$=1mA, $I_B$=0 | 350 | | V |
| Emitter-base breakdown voltage | $V_{(BR)EBO}$ | $I_E$=1mA, $I_C$=0 | 6 | | V |
| Collector cut-off current | $I_{CBO}$ | $V_{CB}$=60V,$I_E$=0 | | 1 | uA |
| Collector cut-off current | $I_{CEO}$ | $V_{CE}$=40V,$I_B$=0 | | 1 | uA |
| Emitter cut-off current | $I_{EBO}$ | $V_{EB}$=6V, $I_C$=0 | | 1 | uA |
| DC current gain | $h_{FE}$ | $V_{CE}$=2V, $I_C$= 1 A | 100 | 250 | |
| Collector-emitter saturation voltage | $V_{CE(sat)}$ | $I_C$=2A,$I_B$=0.2A | | 0.5 | |
| Transition frequency | $f_T$ | $V_{CE}$=5V,Ic=0.1A, f =1MHz | 50 | | MHz |

## TO-126 Package Outline Dimensions




| Symbol | Dimensions In Millimeters | | Dimensions In Inches | |
|---|---|---|---|---|
| | Min | Max | Min | Max |
| A | 2.500 | 2.900 | 0.098 | 0.114 |
| A1 | 1.100 | 1.500 | 0.043 | 0.059 |
| b | 0.660 | 0.860 | 0.026 | 0.034 |
| b1 | 1.170 | 1.370 | 0.046 | 0.054 |
| c | 0.450 | 0.600 | 0.018 | 0.024 |
| D | 7.400 | 7.800 | 0.291 | 0.307 |
| E | 10.600 | 11.000 | 0.417 | 0.433 |
| e | 2.290 TYP | | 0.090 TYP | |
| e1 | 4.480 | 4.680 | 0.176 | 0.184 |
| h | 0.000 | 0.300 | 0.000 | 0.012 |
| L | 15.300 | 15.700 | 0.602 | 0.618 |
| L1 | 2.100 | 2.300 | 0.083 | 0.091 |
| P | 3.900 | 4.100 | 0.154 | 0.161 |
| Φ | 3.000 | 3.200 | 0.118 | 0.126 |

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## HXY MOSFET:

HSD15C.TCT AQ15C-01FTG ESD5LM5.0C-HXY HESDSLC3V3D3B RLSD32A121V PESDSC2FD5VU 60N06 HSG3D15B3.3MA HSTS521050B331 PESDLC2FD3V3BH PESDNC2XD5VBF BV05C-H HACPDQC5V0-HF HPTVSUC3D5VB HRCLAMP3371ZCTFT HSEN3611D3 TPSMB28A-VR HLY323BC1524L LM393DR-HXY PJEC5V0M1FN2 AZ4836-01L ESD5L5.0C-HXY HAZ4007-01H HSEN2411D3 PESDNC2XD5VBL AZ4007-01H HESD36VD3B PJSD24CW_R1 TPSMB100CA-VR HCEZ36V,L3F