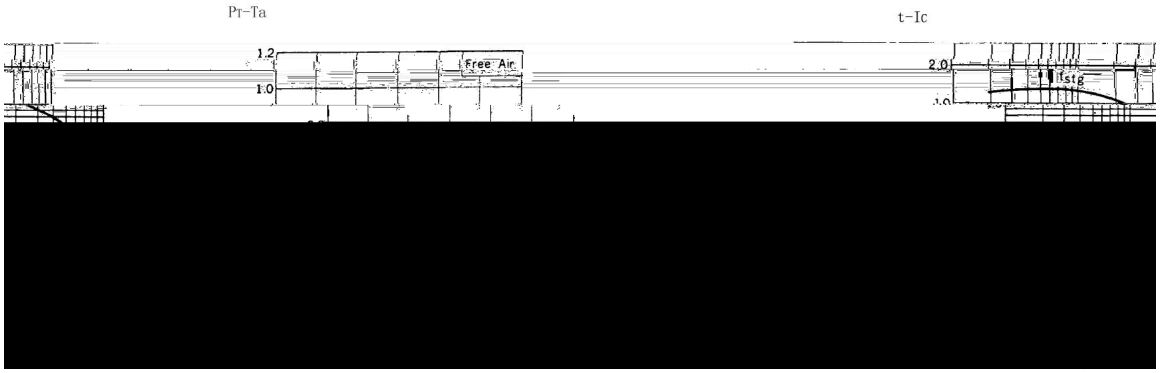
WR0<5 ḾḾÞ QSQ ÆṀ ч s ‖ ㄱ Silicon NPN transistor in a TO-92 Plastic Package.

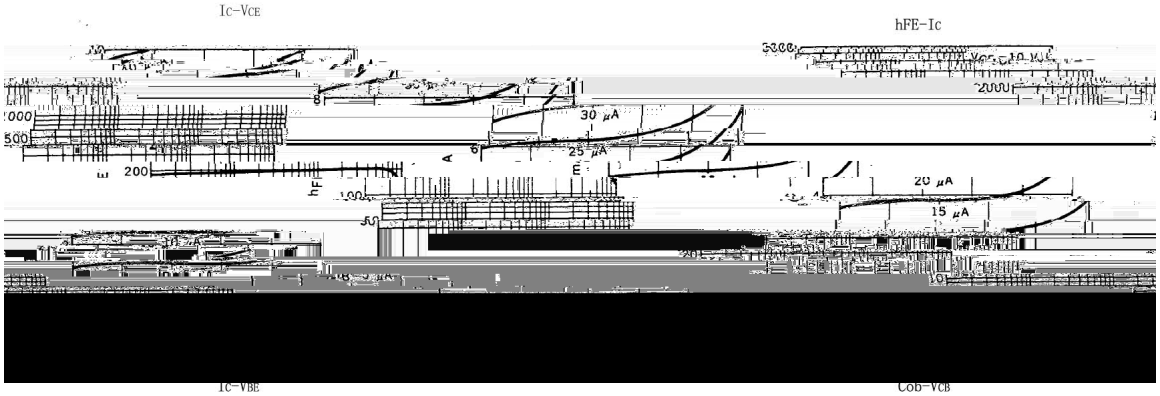
ㅊ ɔ я ı ѽ ᶻ ㅓ ớ Ḅ/ль 5VD46 : 9 Ѝ ´
High breakdown voltage, good $h_{FE}$ linearity, complementary to 2SA1376.

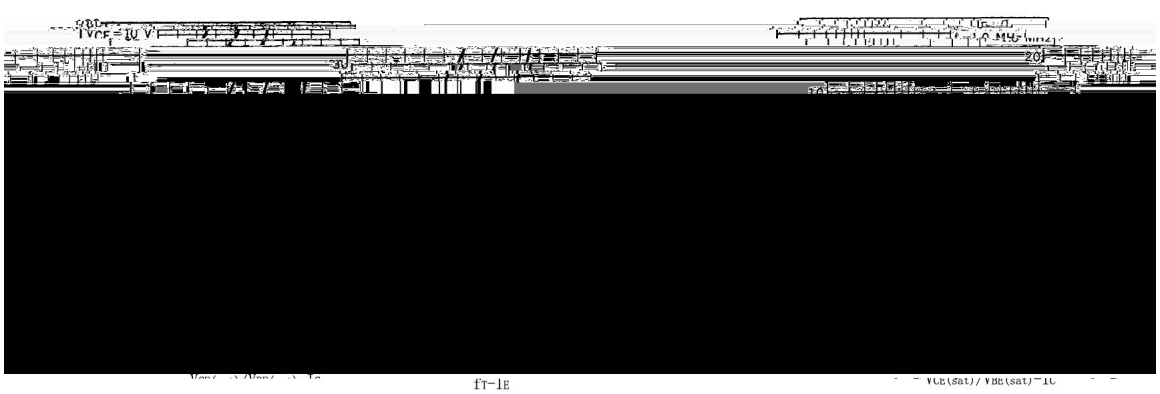
ᵷ̂ ⌊ ∂ ㅊ ɔ я ▯ ˇ ѽ ᶻ ɔ ت
General purpose amplifier applications requiring high breakdown voltages.

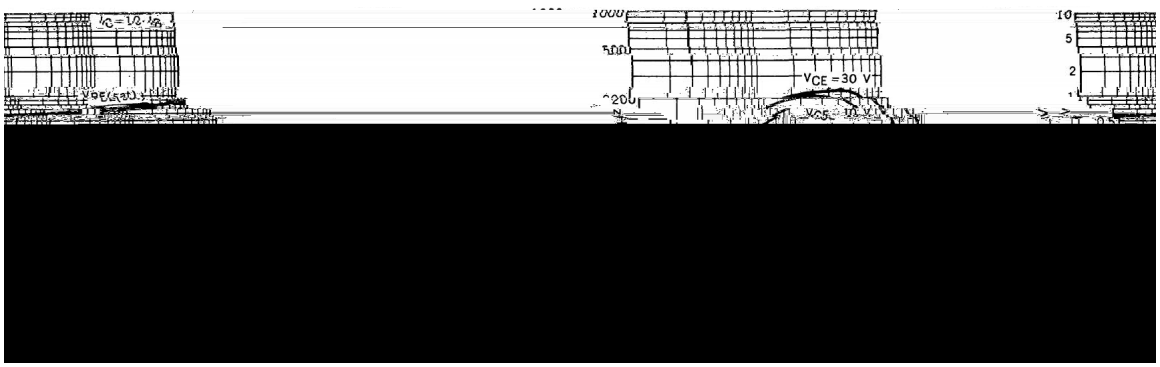
| v ‴Ω<br>Parameter | ϒ N<br>Symbol | ‴Ω Ö<br>Rating | D Ч<br>Unit |
|---|---|---|---|
| Collector to Base Voltage | $V_{CBO}$ | 200 | V |
| Collector to Emitter Voltage | $V_{CEO}$ | 180 | V |
| Emitter to Base Voltage | $V_{EBO}$ | 5.0 | V |
| Collector Current - Continuous | $I_C$ | 100 | mA |
| Collector Current – Continuous(Pulse) | $I_{CP}$ | 200 | mA |
| Base Current - Continuous | $I_B$ | 20 | mA |
| Collector Power Dissipation | $P_C$ | 750 | mW |
| Junction Temperature | $T_j$ | 150 | |
| Storage Temperature Range | T | | |

## / Electrical Characteristic Curve

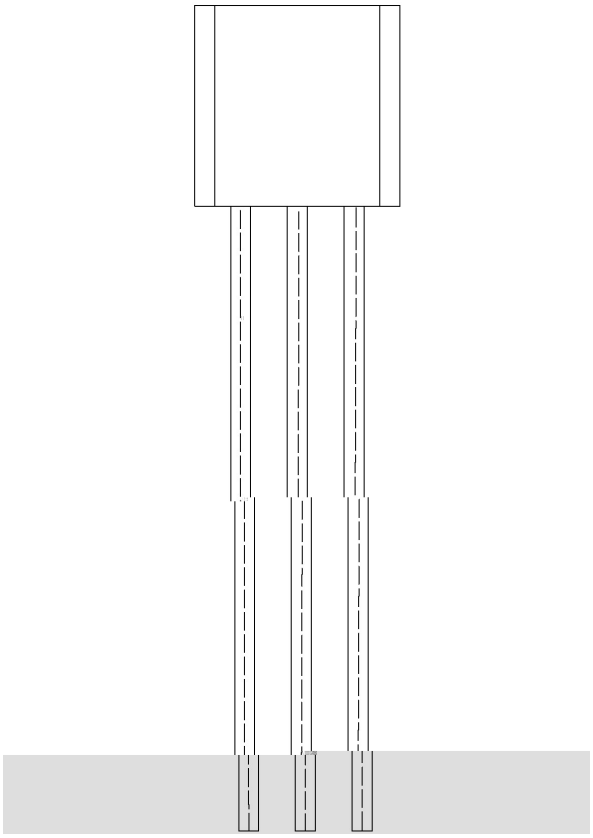


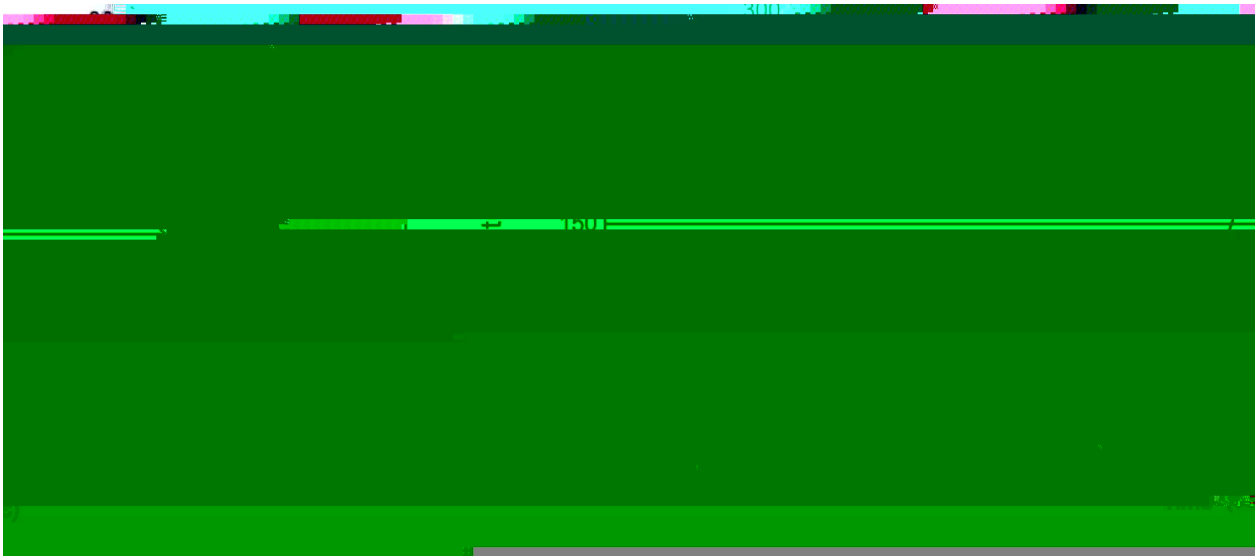



## / Marking Instructions



| | |
|---|---|
| ب ˝ χ | |
| EU= | ѭ ϗ и Ґ |
| F67 : ; χ | ѭ ϳ N Ґ |
| 0= | ѭ k IH ‘ 6 Ґ |
| ---- χ | ѭ ı ғ ӈ N Ґ ı ֏ ı ғ ӈ N Ψ ק |
| Note: | |
| BR: | Company Code. |
| C3478: | Product Type. |
| 0= | h |

## ( ) / Temperature Profile for Dip Soldering(Pb-Free)



ب ˝ χ

1 Ĺ ♬ □ ỷ 25 Ḱ 150 ɬ ı ˋH ڑ 60 Ḱ 90sec;

2 Š Ө □ ỷ 255 ° 5 ɬ ı ˋH ڑ ˋY ﾊ ᵿ 5 ° 0.5sec;

3 ì ˙ ϒ ˛ ɔ ﻉ ỷ ᵿ 2 Ḱ 10 ɬ /sec.

Note:

1.Preheating:25~150 ɬ , Time:60~90sec.

2.Peak Temp.:255 ° 5 ɬ , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ɬ /sec.

## / Resistance to Soldering Heat Test Conditions

| | | | |
|---|---|---|---|
| □ ỷ χ 270 ° 5 ɬ | ˋH ڑ χ 10 ° 1 sec. | Temp:270±5 | Time:10±1 sec |

## / Packaging SPEC.

ˈQ ţ ϒ Ł / BULK

| Package Type | Units | Dimension | (unit mm3) |
|---|---|---|---|