

HIGH SPEED SWITCHING REGULATOR OUTPUT APPLICATIONS.

- MAXIMUM RATINGS (Tc=25°C)

Unit in mm

15.5±0.5

4.5

2.65±0.5

2.0

2.5

16.4 MIN

5.45

4.0

2.3 MAX

0.95 MAX

5.45

3.6±0.2

1.5

39°

5°

22.0±0.5

5°

5°

5°

5°

1

2

3

2.8

5.2 MAX

0.9±0.1

+0.25

-0.1

1. BASE

2. COLLECTOR (HEAT SINK)

3. EMITTER

J EDEC

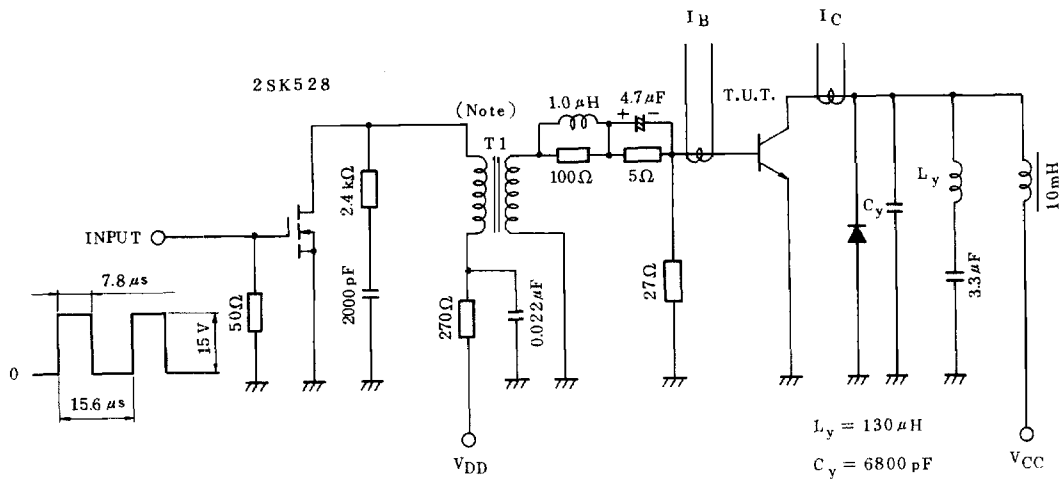
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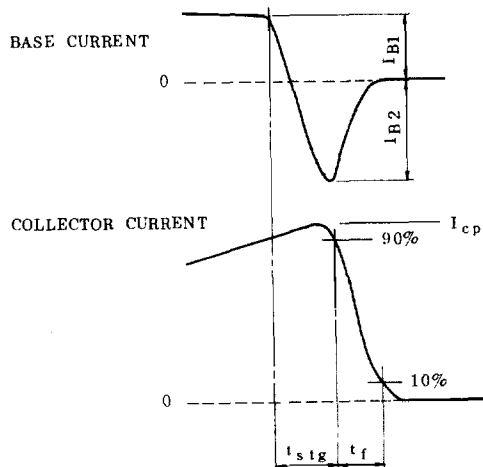
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ELECTRICAL CHARACTERISTICS ($T_c=25^\circ\text{C}$)1163

Fig. 1 SWITCHING TIME TEST CIRCUIT (Inductive Load)



Note : Leakage Inductance of secondary winding LB is 1.2 μ H.



Base Current Gradient

$$dI_B/dt = \frac{I_{B1} + I_{B2}}{t_{stg}} \quad (A/\mu s)$$

Fig. 2 SWITCHING TIME TEST CIRCUIT (Resistive Load)

