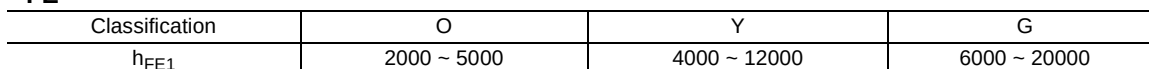


- High DC Current Gain
- High Power Dissipation : $P_C=1.3W$ ($T_a=25^\circ C$)



Typical Characteristics

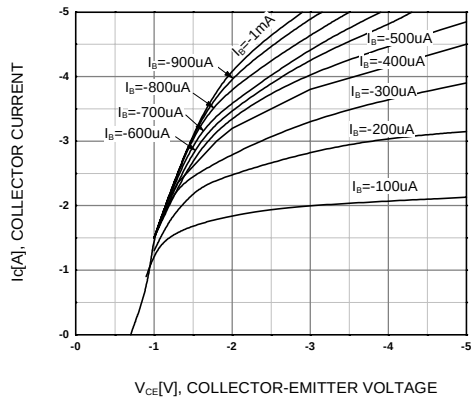


Figure 1. Static Characteristic

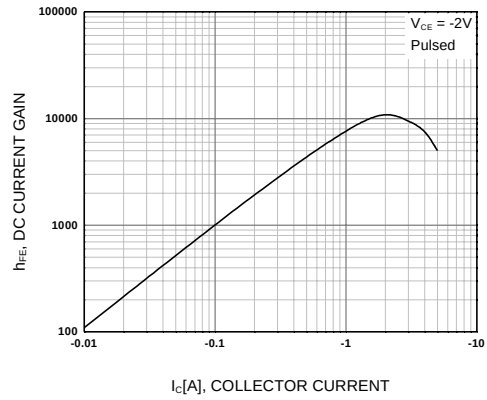


Figure 2. DC current Gain

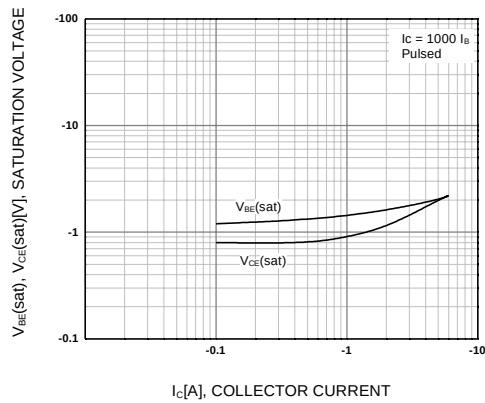


Figure 3. Collector-Emitter Saturation Voltage
Base-Emitter Saturation Voltage

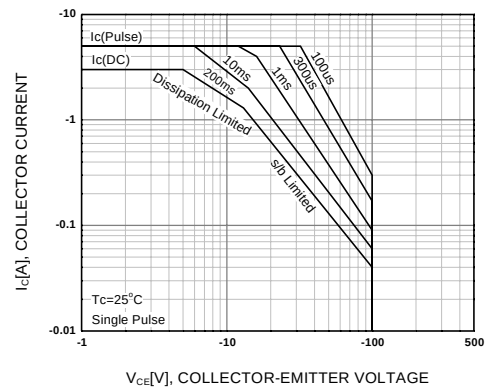


Figure 4. Forward Bias Safe Operating Area

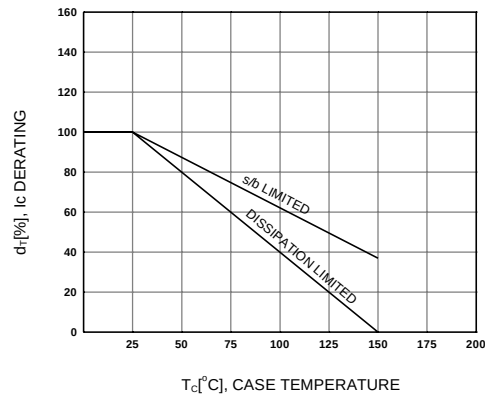


Figure 5. Derating Curve of Safe Operating Areas

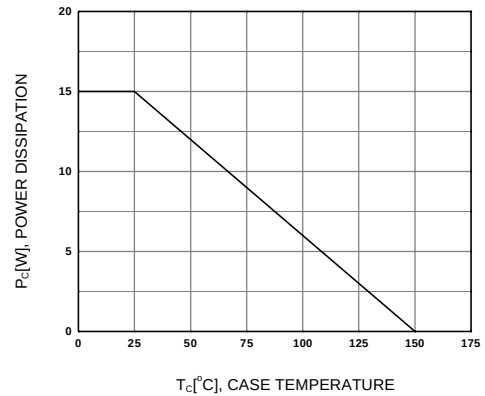


Figure 6. Power Derating

Technical drawing of a 10-pin D-sub connector. The drawing includes a front view (top), a side view (right), and a detail view of the pin (bottom). Dimensions are given in millimeters with tolerances.

Front View Dimensions:

- Overall width: 8.00 ± 0.30
- Overall height: 14.20 MAX
- Pin diameter: $\text{Ø}3.20 \pm 0.10$
- Pin spacing: 2.28 TYP [2.28 ± 0.20]
- Pin length: 13.06 ± 0.30
- Pin thickness: 0.75 ± 0.10
- Pin width: 1.60 ± 0.10
- Pin height: 0.75 ± 0.10

Side View Dimensions:

- Overall height: 16.10 ± 0.20
- Pin thickness: $0.50^{+0.10}_{-0.05}$
- Pin width: 1.75 ± 0.20
- Pin height: 11.00 ± 0.20
- Pin width: 3.25 ± 0.20
- Pin width: (1.00)
- Pin width: (0.50)

Detail View Dimensions:

- Pin diameter: $\text{Ø}3.20 \pm 0.10$
- Pin length: 13.06 ± 0.30
- Pin thickness: 0.75 ± 0.10
- Pin width: 1.60 ± 0.10
- Pin height: 0.75 ± 0.10

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