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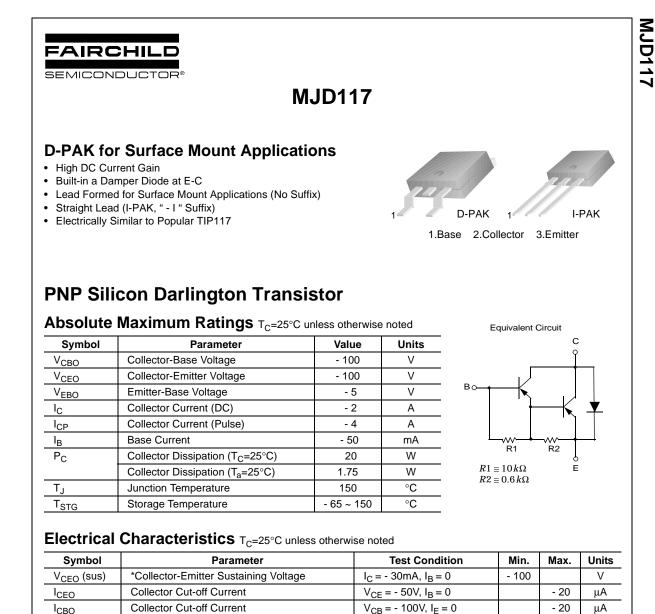


## **ON Semiconductor**®

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	0	1
I <sub>CEO</sub>	Collector Cut-off Current	$V_{CE} = -50V, I_B = 0$
I <sub>CBO</sub>	Collector Cut-off Current	$V_{CB} = -100V, I_E = 0$
I <sub>EBO</sub>	Emitter Cut-off Current	$V_{EB} = -5V, I_{C} = 0$
h <sub>FE</sub>	*DC Current Gain	$V_{CE} = -3V, V_{EB} = -0.5A$ $V_{CE} = -3V, V_{EB} = -2A$ $V_{CE} = -3V, I_{C} = -4A$
V <sub>CE</sub> (sat)	*Collector-Emitter Saturation Voltage	I <sub>C</sub> = -2A, I <sub>B</sub> = - 8mA I <sub>C</sub> = - 4A, I <sub>B</sub> = - 40mA
V <sub>BE</sub> (sat)	*Base-Emitter Saturation Voltage	I <sub>C</sub> = - 4A, I <sub>B</sub> = - 40mA

Base-Emitter Saturation Voltage  $I_{C} = -4A, I_{B} = -40mA$ V<sub>BE</sub>(on) \*Base-Emitter ON Voltage  $V_{CE} = -3A, I_{C} = -2A$ V<sub>CE</sub> = -10V, I<sub>C</sub> = - 0.75A Current Gain Bandwidth Product  $V_{CB} = -10V, I_E = 0$ f= 0.1MHz

\* Pulse Test: PW≤300µs, Duty Cycle≤2%

**Output Capacitance** 

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f<sub>T</sub>

Cob

- 2

12K

- 2

- 3

- 4

- 2.8

200

500

1000 200

25

mΑ

V

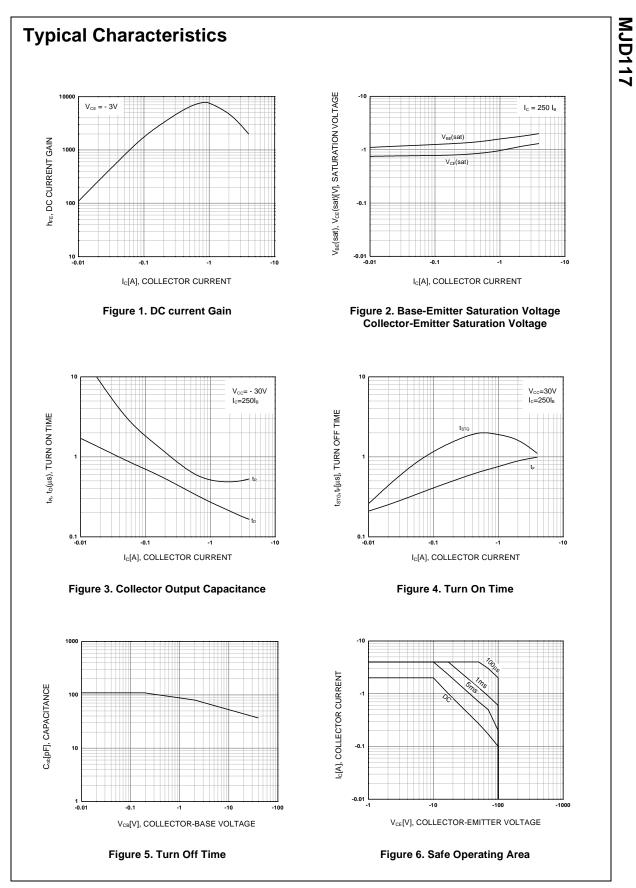
V

V

V

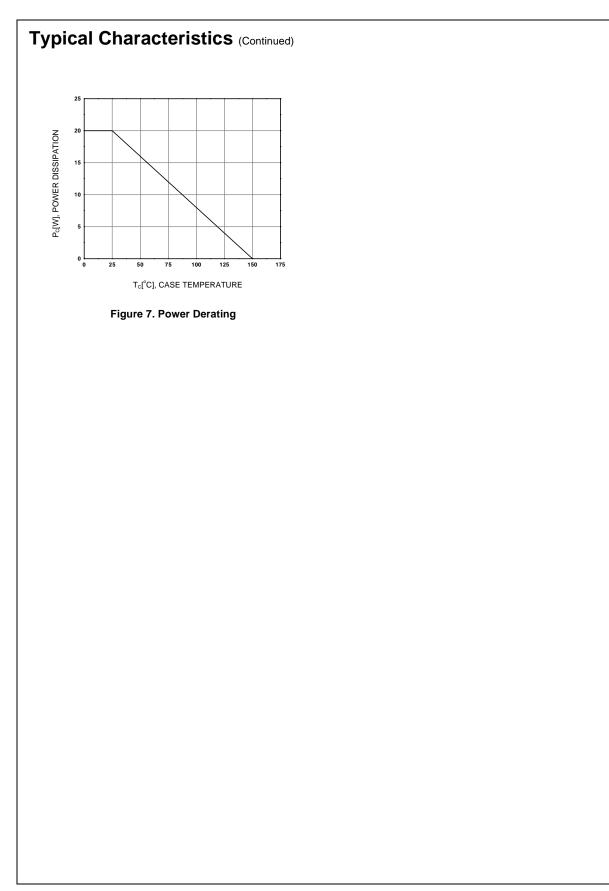
MHz

pF

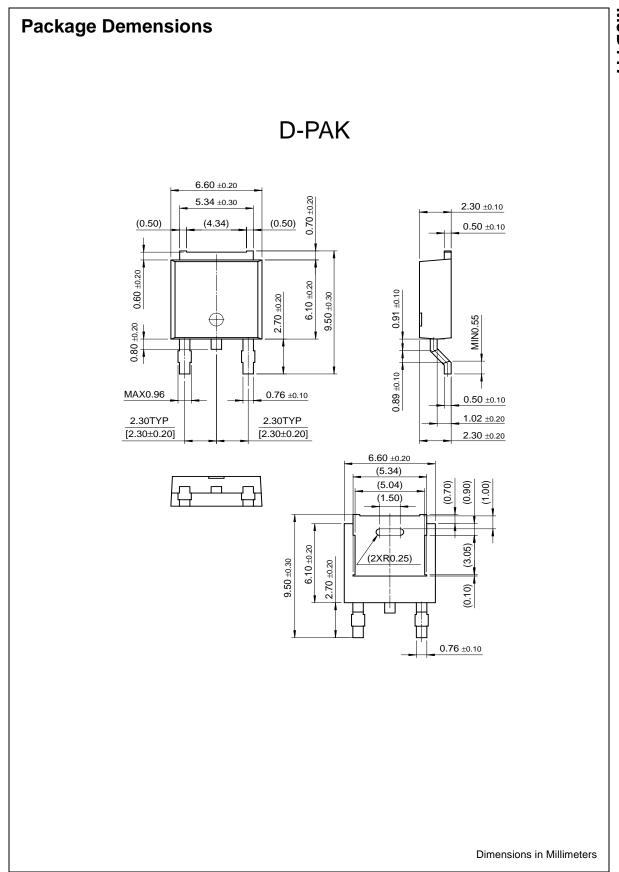


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