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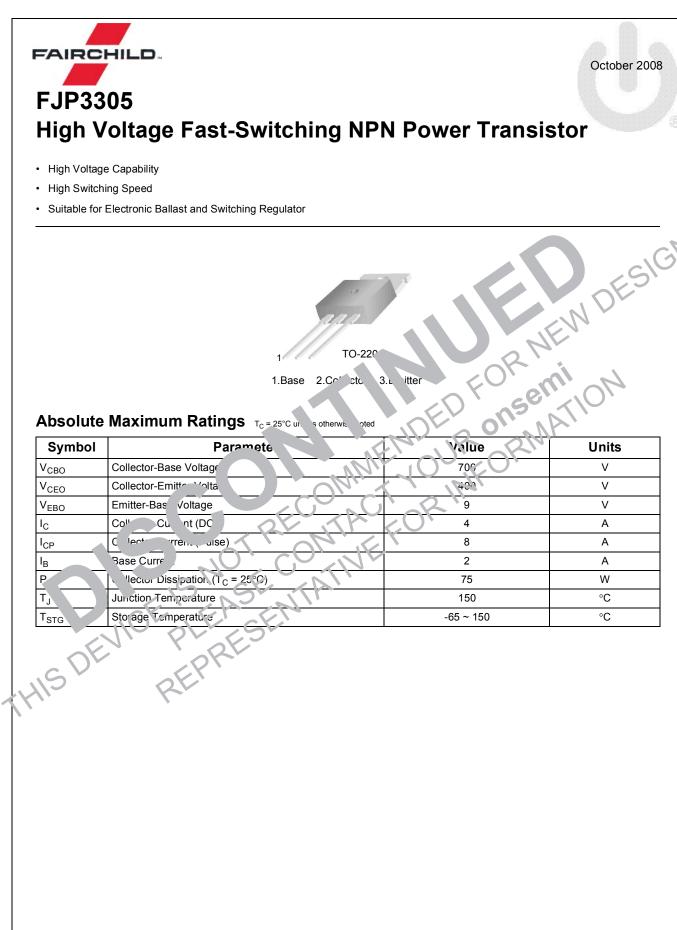
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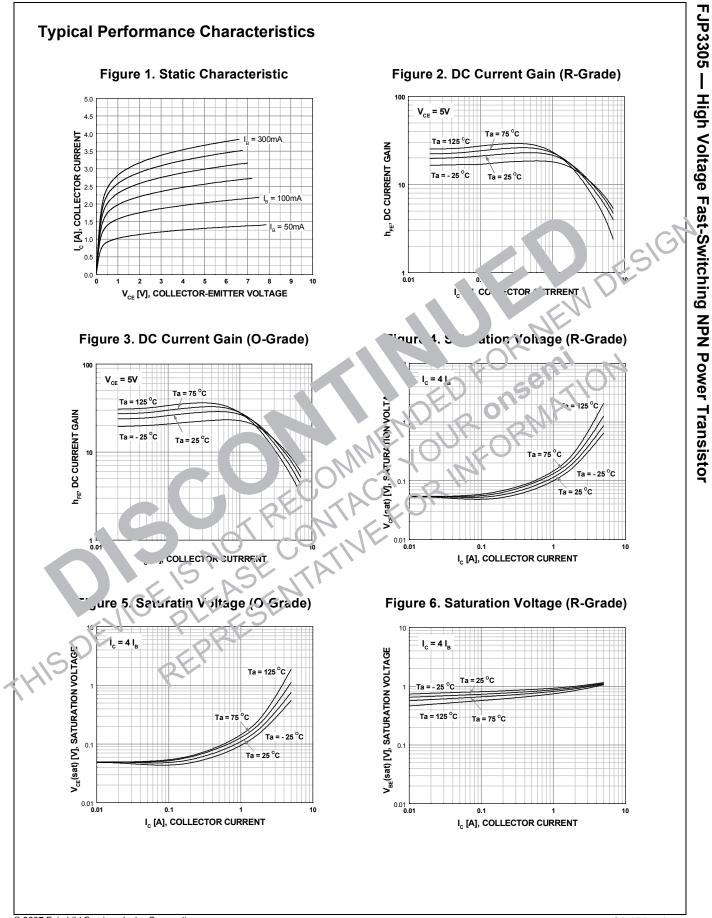
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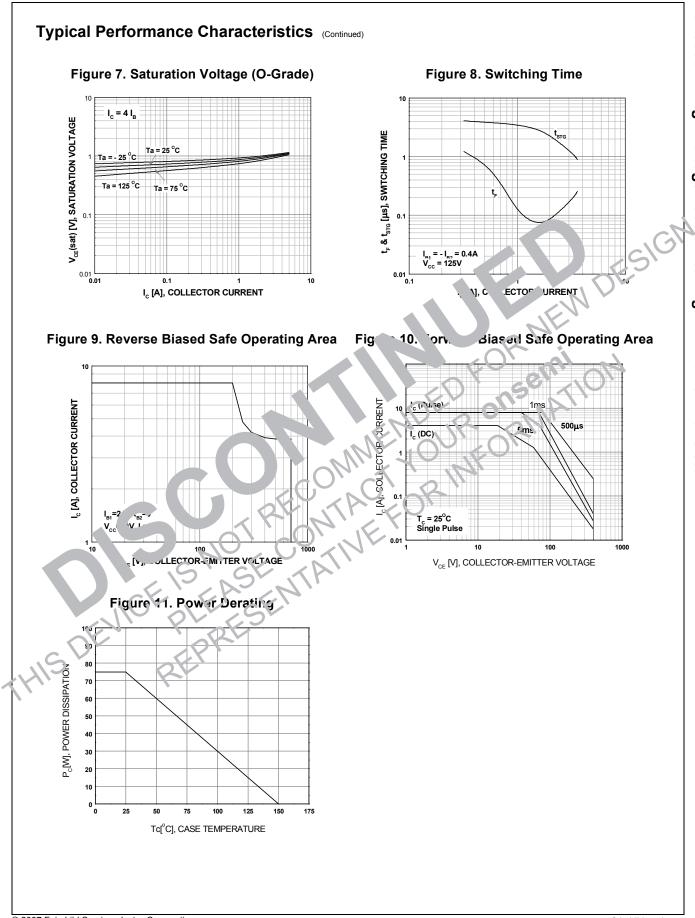
FJP3305 — High Voltage Fast-Switching NPN Power Transistor



Symbol	Parameter	Conditions	Min.	Тур.	Max	Unit
BV _{CBO}	Collector-Base Breakdwon Voltage	I _C = 500μA, I _E = 0	700			V
BV _{CEO}	Collector-Emitter Breakdown Voltage	I _C = 5mA, I _B = 0	400			V
BV _{EBO}	Emitter-Base Breakdown Voltage	I _E = 500μA, I _C = 0	9			V
I _{CBO}	Collector Cut-off Current	V _{CB} = 700V, I _E = 0			1	μA
I _{EBO}	Emitter Cut-off Current	V _{EB} = 9V, I _C = 0			1	μA
h _{FE1} h _{FE2}	DC Current Gain *	V_{CE} = 5V, I _C = 1A V_{CE} = 5V, I _C = 2A	19 8		35 40	
V _{CE(sat)}	Collector-Emitter Saturation Voltage	$I_{C} = 1A, I_{B} = 0.2A$ $I_{C} = 2A, I_{B} = 0.5A$ $I_{C} = 4A, I_{B} = 1A$			0.5 0.6 1.0	V V V
V _{BE(sat)}	Base-Emitter Saturation Voltage	$I_{\rm C} = 1$ A, $I_{\rm B} = 0.2$ A $I_{\rm C} = 2$ A, $I_{\rm B} = 0.5$ A			1.2	v v
f _T	Current Gain Bandwidth Product	V _{CE} = 10V, I _C = 0.5A				MHz
C _{ob}	Output Capacitance	V _{CB} = 10V, f = 1MHz		ა5	N	pF
t _{ON}	Turn On Time	V _{CC} = 125V, I _C = 2A			0.8	μs
t _{STG}	Storge Time	$I_{B1} = -I_{B2} = 0.4A$ $R_{L} = 62.5\Omega$			4.0	μs
t _F	Fall Time				0.9	μs
• =	sification	H1	~_0`	H2	· ·	
L.	h _{FE1}	H1 19 ~ 28		26 ~ 3		
		CONCEPOR ONTREFOR	Nr			

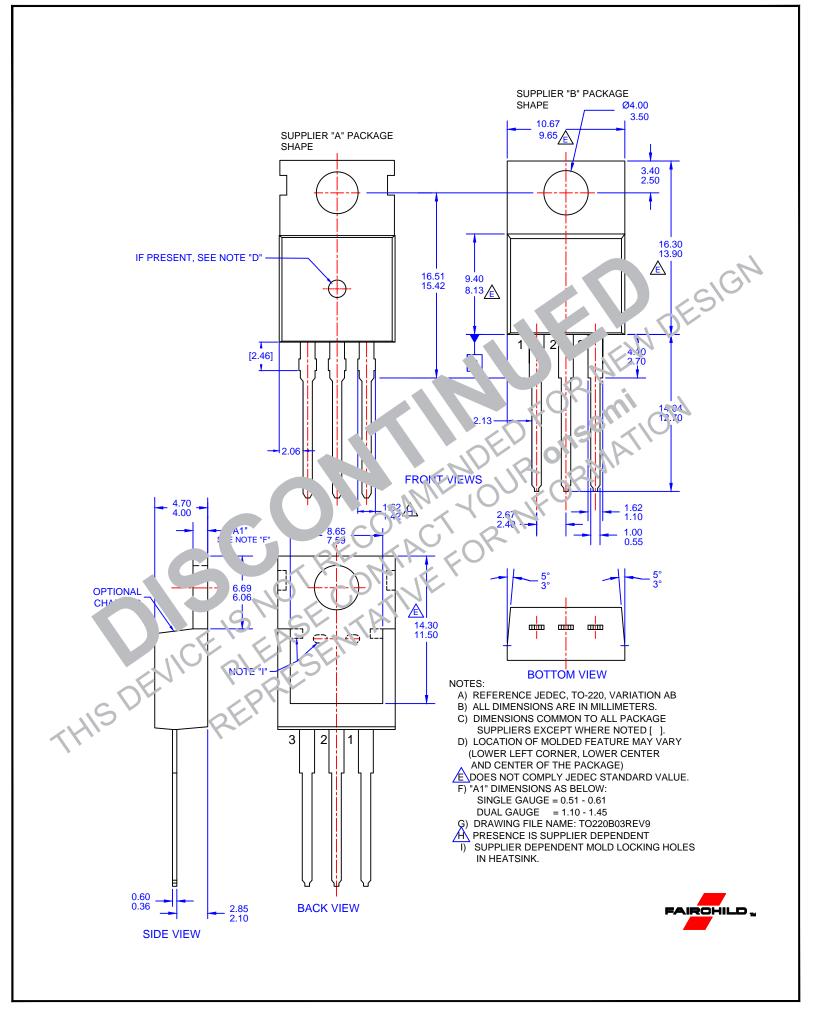


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