

T_{STG} * Pulse Test: Pulse Width=5ms, Duty Cycle < 10%

Storage Temperature

Electrical Characteristics T_C=25°C unless otherwise noted

Symbol	Parameter	Test Conditions	Min	Тур	Max	Units
I _{CES}	Collector Cut-off Current	V _{CB} =1500V, R _{BE} =0			1	mA
I _{CBO}	Collector Cut-off Current V _{CB} =800V, I _E =0				10	μΑ
I _{EBO}	Emitter Cut-off Current	Emitter Cut-off Current V _{EB} =4V, I _C =0			250	mA
BV _{EBO}	Base-Emitter Breakdown Voltage	I _E =300mA, I _C =0	6			V
h _{FE1}	DC Current Gain	V _{CE} =5V, I _C =1A	7			
h _{FE2}		V _{CE} =5V, I _C =6A	5		8	
V _{CE} (sat)	Collector-Emitter Saturation Voltage	I _C =6A, I _B =1.5A			3	V
V _{BE} (sat)	Base-Emitter Saturation Voltage	I _C =6A, I _B =1.5A			1.5	V
V _F	Damper Diode Turn On Voltage	I _F = 6A			2	V
t _{STG} *	Storage Time	V_{CC} =200V, I_{C} =6A, R_{L} =33 Ω			3	μs
t _F *	Fall Time	I _{B1} =1.2A, I _{B2} = - 2.4A			0.2	μs

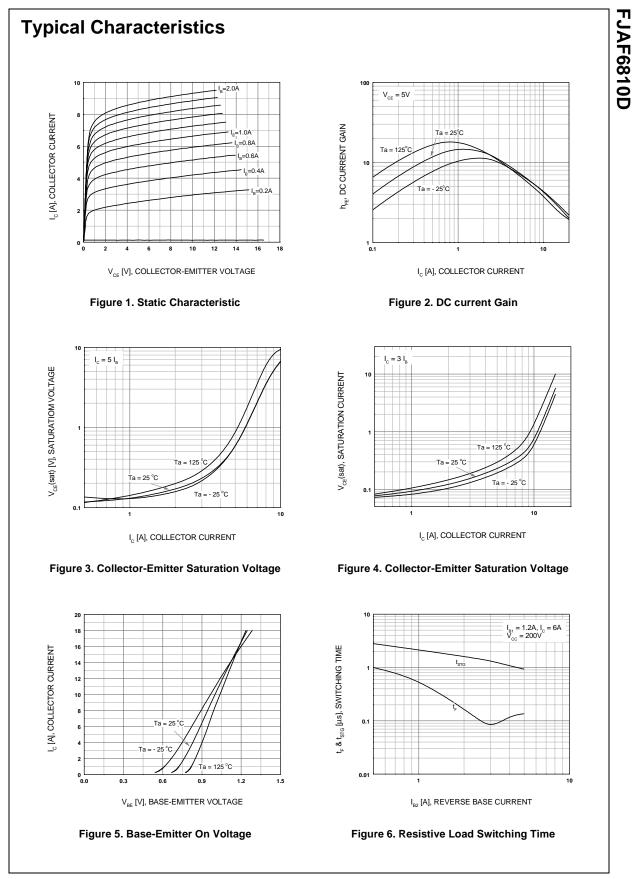
* Pulse Test: PW=20µs, duty Cycle=1% Pulsed

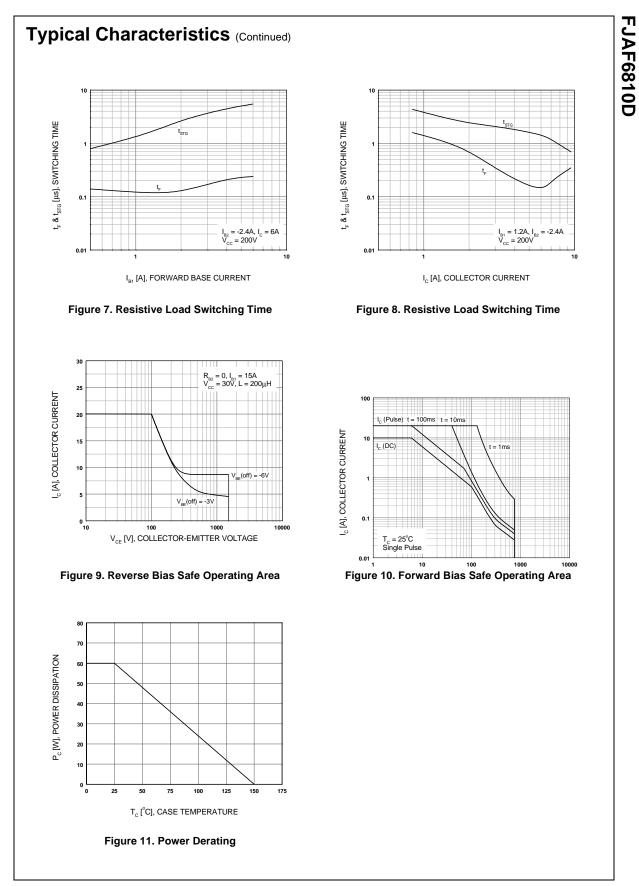
Thermal Characteristics $T_C=25^{\circ}C$ unless otherwise noted

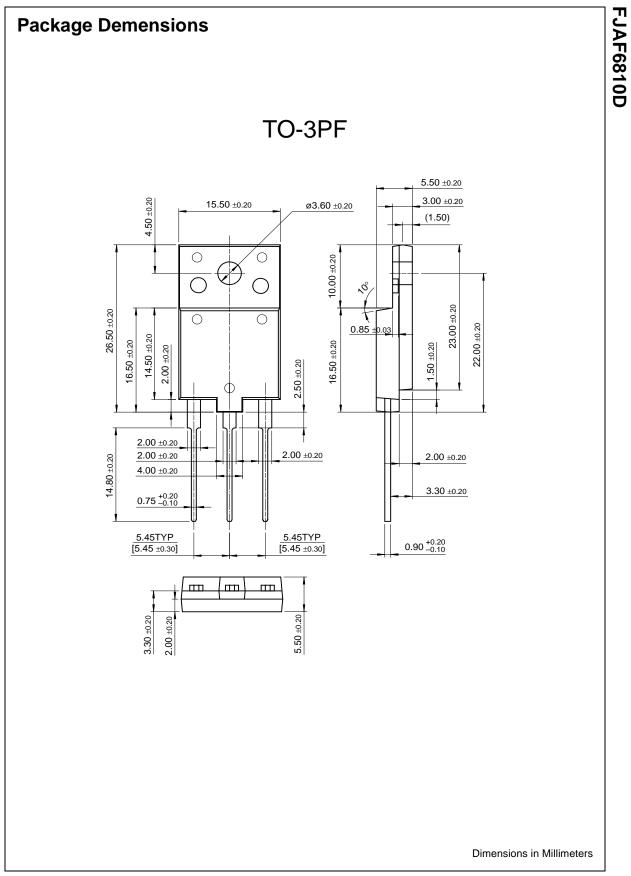
Symbol	Parameter	Тур	Max	Units
R _{θjC}	Thermal Resistance, Junction to Case		2.08	°C/W

°C

-55 ~ 150







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