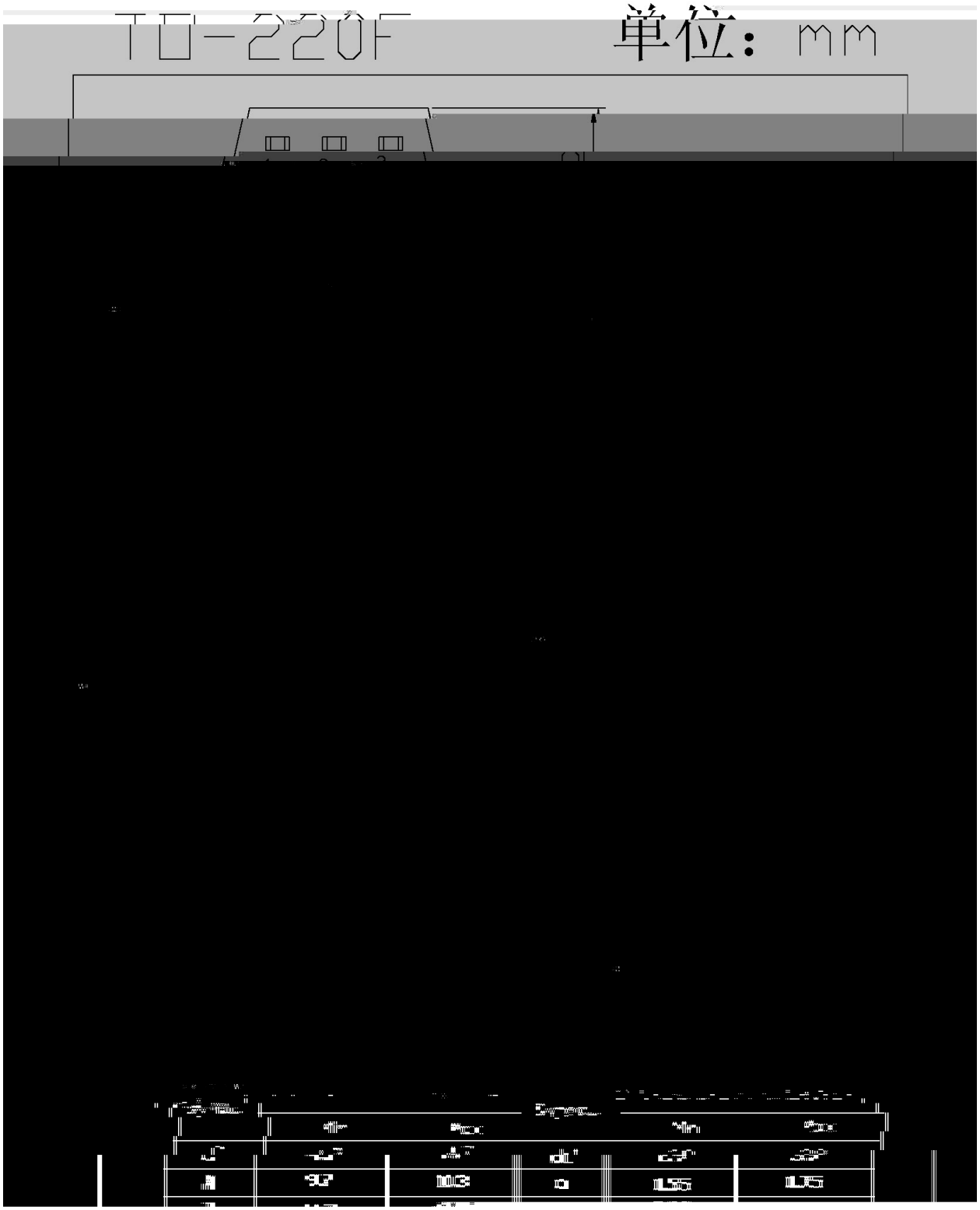
/ Absolute Maximum Ratings(Ta=25)

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-120	V
Collector to Emitter Voltage	V_{CEO}	-120	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-1.5	A
Collector Current – Continuous(Pulse)	I_{CP}	-3.0	A
Collector Power Dissipation	P_C	1.8	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

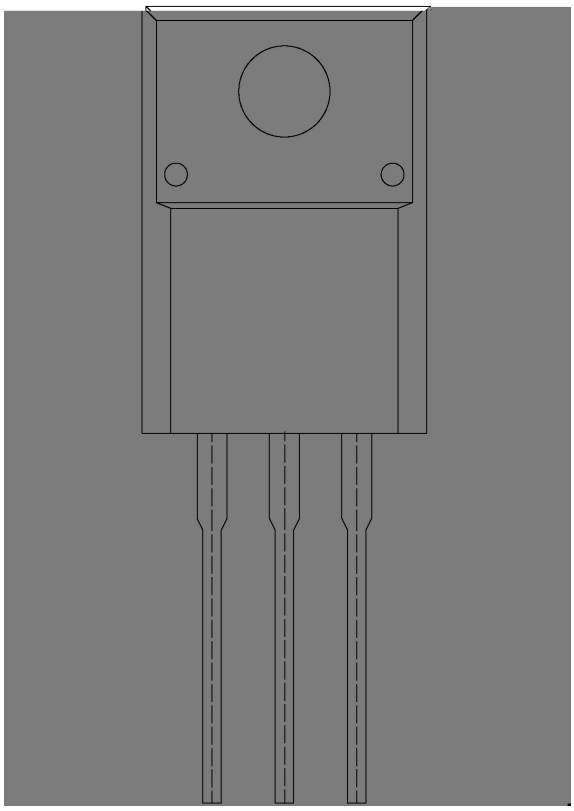
/ Electrical Characteristics(Ta=25)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO}	I_C=-50μA	-120			V
Collector to Base Breakdown Voltage	V_{CEO}	I_C=-1.0mA	-120			V
Emitter to Base Breakdown Voltage	V_{EBO}	I_E=-50μA	-5.0			V
Collector Cut-Off Current	I_{CBO}	V_{CB}=-100V			-1.0	μA
Emitter Cut-Off Current	I_{EBO}	V_{EB}=-4.0V			-1.0	μA
DC Current Gain	h_{FE}	V_{CE}=-5.0V I_C=-0.1A	60		320	
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	I_C=-1.0A I_B=-0.1A			-2.0	V
Base to Emitter Saturation Voltage	$V_{BE(sat)}$	I_C=-1.0A I_B=-0.1A			-1.5	V
Transition Frequency	f_T	V_{CE}=-5.0V I_E=0.1A f=30MHz		50		MHz
Collector output capacitance	C_{ob}	V_{CB}=-10V I_E=0 f=1.0MHz		30		pF

/ Package Dimensions



/ Marking Instructions



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