

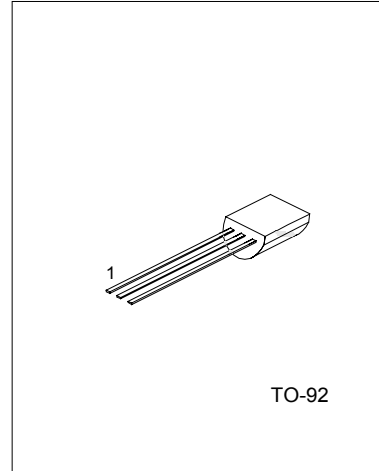
PNP HIGH-VOLTAGE TRANSISTORS

FEATURES

*Collector-Emitter Voltage: $V_{CE0}=-250V$.

APPLICATIONS

- * High voltage application.
- * Monitor equipment application.



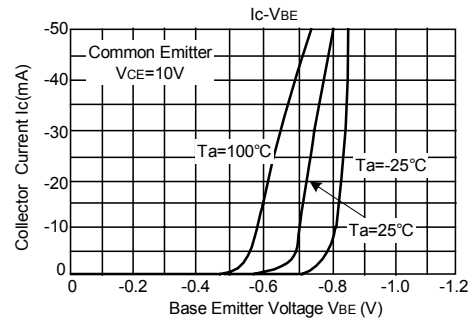
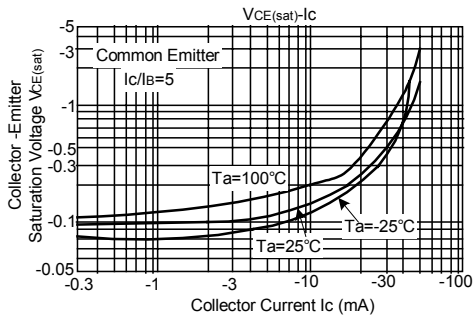
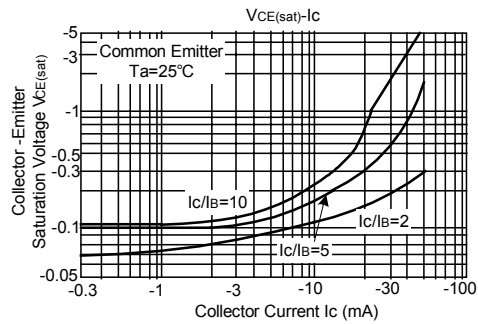
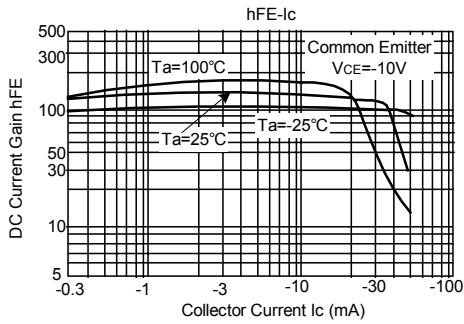
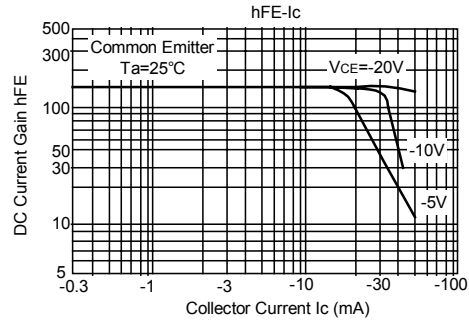
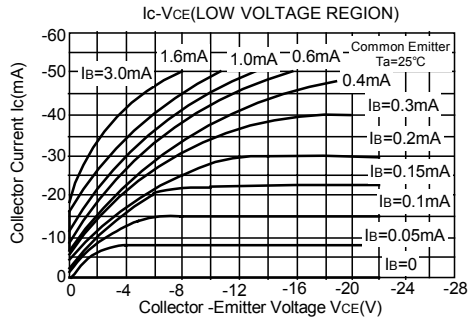
1:EMITTER 2:COLLECTOR 3:BASE

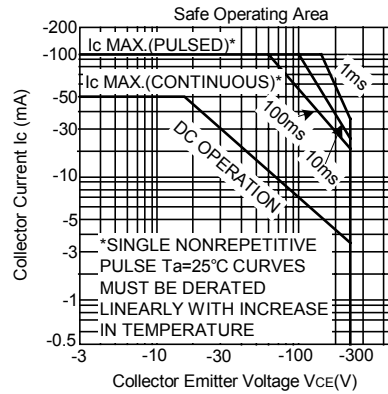
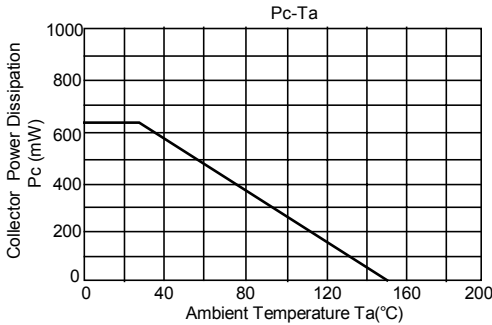
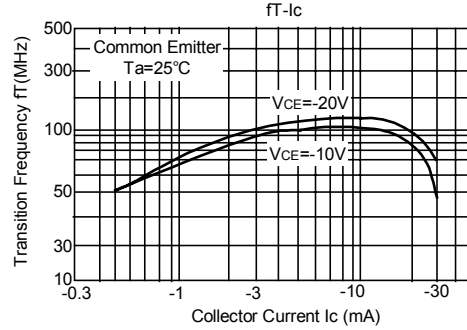
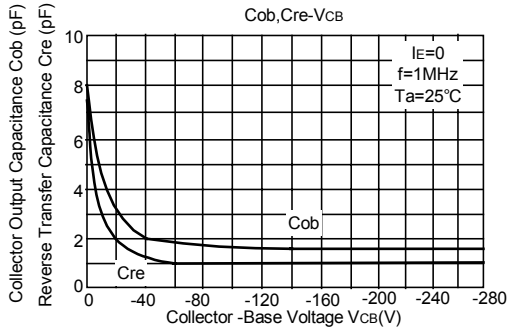
ABSOLUTE MAXIMUM RATINGS ($T_a=25^{\circ}C$, unless otherwise specified)

PARAMETERS	SYMBOL	RATING	UNIT
Collector-base voltage	V_{CBO}	-250	V
Collector-emitter voltage	V_{CEO}	-250	V
Emitter-base voltage	V_{EBO}	-5	V
Collector current (DC)	I_c	-50	mA
collector current (Peak)	I_{cP}	-100	mA
base current	I_b	-50	mA
Collector Power dissipation	P_c	625	mW
Junction temperature	T_j	150	$^{\circ}C$
Storage Temperature	T_{stg}	-65~+150	$^{\circ}C$

ELECTRICAL CHARACTERISTICS ($T_a=25^{\circ}C$, unless otherwise specified)

PARAMETERS	SYMBOL	CONDITIONS	MIN	MAX	UNIT
Collector Cut-Off Current	I_{cBO}	$V_{CB}=-200V, I_E=0$		-10	nA
		$V_{CB}=-200V, I_E=0, T_j=150^{\circ}C$		-10	μA
Emitter Cut-Off Current	I_{EBO}	$V_{EB}=-5V, I_c=0$		-50	nA
DC current gain	h_{FE}	$V_{CE}=-20V, I_c=-25mA$	50		
Collector-emitter saturation voltage	$V_{CE(sat)}$	$I_c=-30mA, I_b=-5mA$		-0.6	V
Transition frequency	f_T	$V_{CE}=-10V, I_c=-10mA, f=100MHz$	60		MHz
Feedback capacitance	C_{re}	$V_{CB}=-30V, I_E=0, f=1MHz$		1.6	pF





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