

Silicon PNP Power Transistor

FEATURES

1. High Voltage: $V_{CEO} = -300V$
2. Low Collector Saturation Voltage Capability
3. Complementary to RT340LD
4. Marking :GX350

TO-252



1.Base 2.Collector 3.Emitter

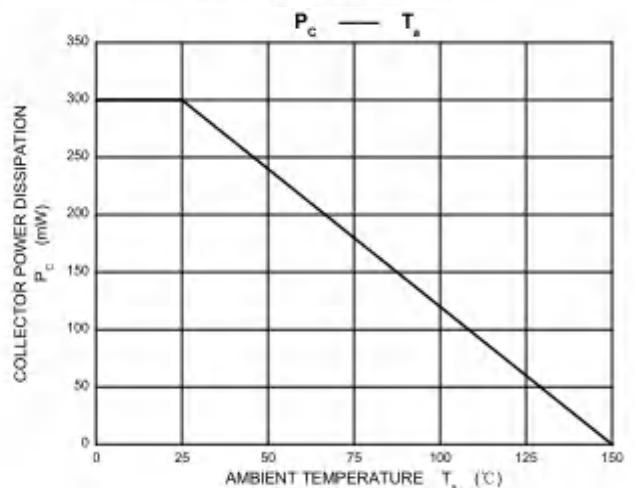
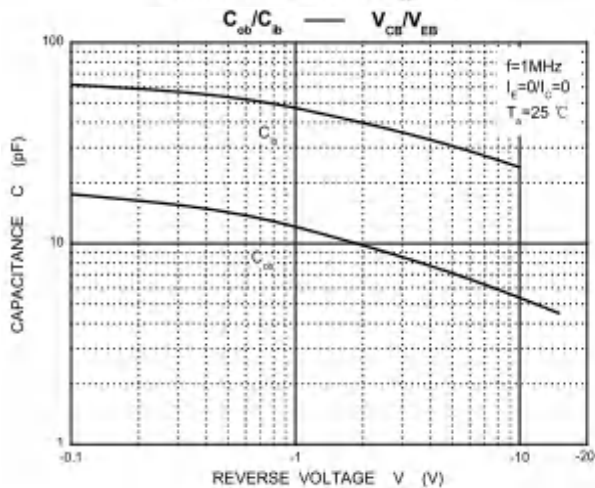
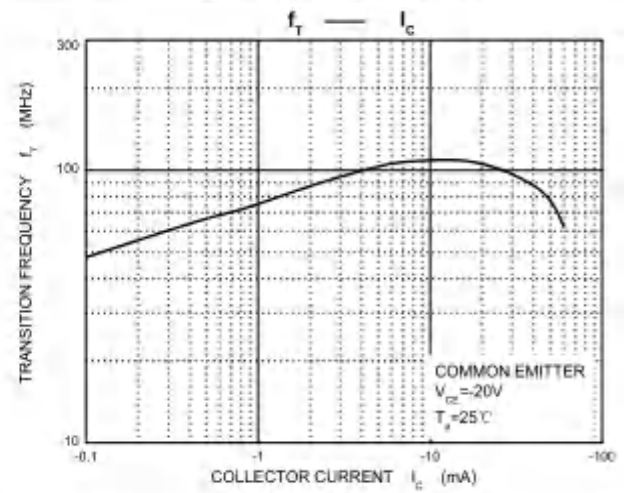
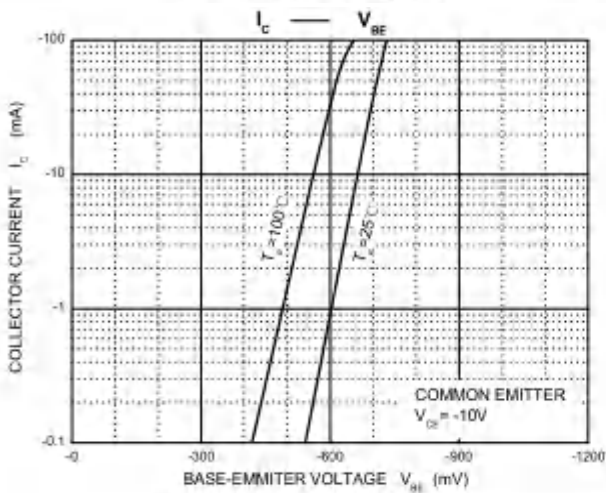
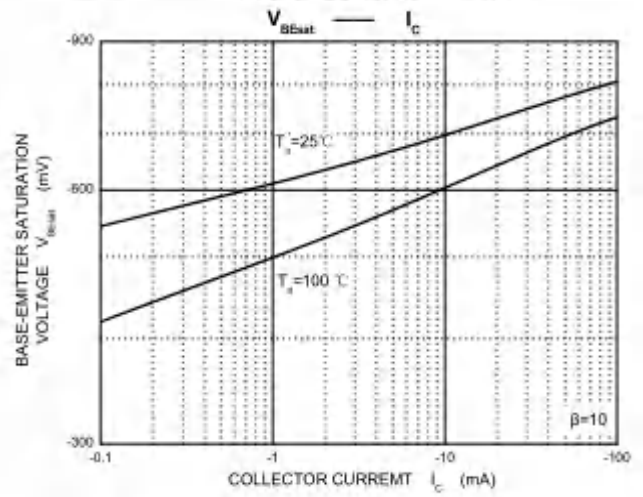
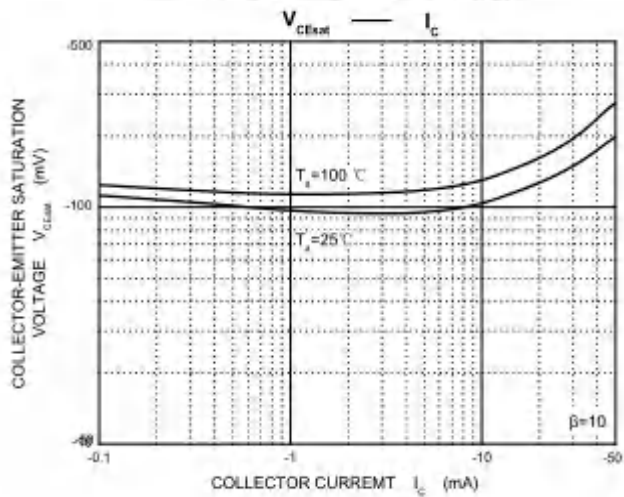
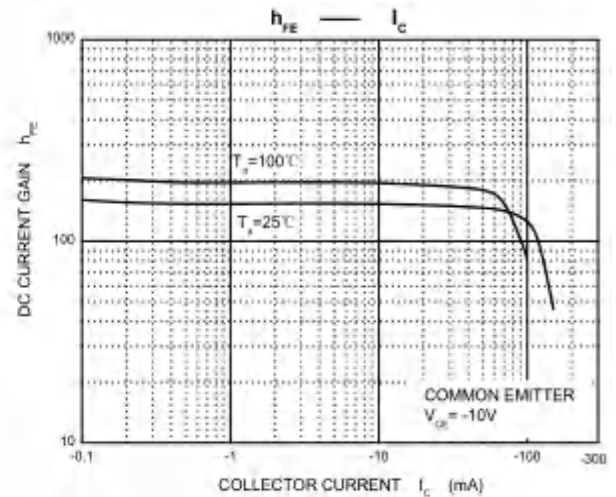
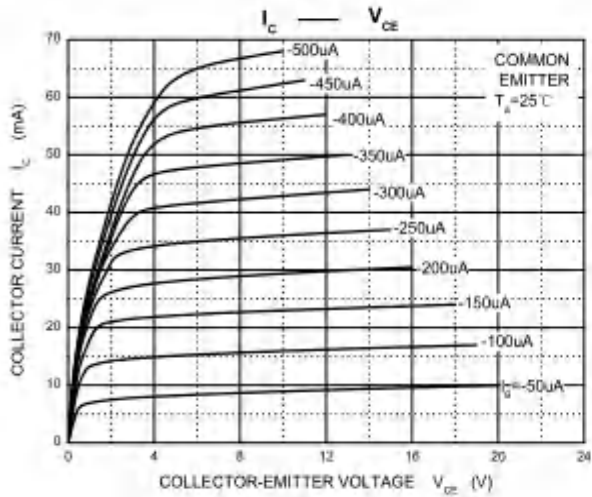
Maximum ratings($T_a=25^{\circ}C$ unless otherwise noted)

Parameter	Symbol	Value	Unit
Collector-Base Breakdown Voltage	V_{CBO}	-300	V
Collector-Emitter Breakdown Voltage	V_{CEO}	-300	V
Emitter-Base Breakdown Voltage	V_{EBO}	-3	V
Collector Current	I_C	-0.5	A
Collector Power Dissipation	P_C	15	W
Junction Temperature	T_J	150	$^{\circ}C$
Storage Temperature	T_{stg}	-55~150	$^{\circ}C$

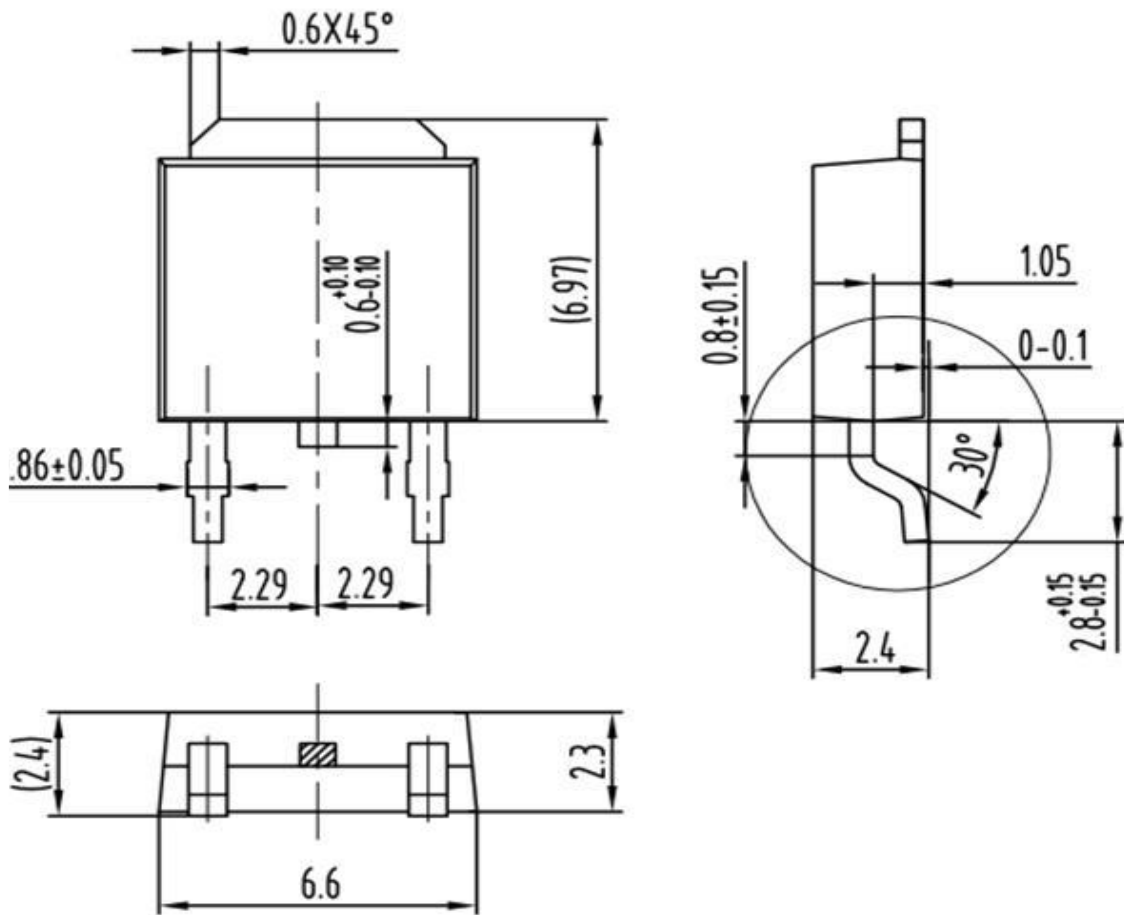
Electrical Characteristics ($T_a=25^{\circ}C$ unless otherwise noted)

Parameter	Symbol	Test Condition	Min	Max	Unit
Collector-Base Breakdown Voltage	V_{CBO}	$I_C = -1mA$ $I_E = 0$	-300		V
Collector-Emitter Breakdown Voltage	V_{CEO}	$I_C = -10mA$ $I_B = 0$	-300		V
Emitter-Base Breakdown Voltage	V_{EBO}	$I_E = -1mA$ $I_C = 0$	-60		V
Collector Cutoff Current	I_{CBO}	$V_{CB} = -300V$ $I_E = 0$		-100	μA
Collector Cutoff Current	I_{CEO}	$V_{CB} = -150V$ $I_B = 0$		-100	μA
Emitter Cutoff Current	I_{EBO}	$V_{EB} = -6V$ $I_C = 0$		-100	μA
DC Current Gain	HFE(1)	$V_{CE} = -10V$ $I_C = -50mA$	30	240	
Collector-Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C = -100mA$ $I_B = -10mA$		-1	V
Base-emitter voltage	$V_{BE(on)}$	$I_C = -1A$ $V_{CE} = -10V$		-1.5	V
Transition frequency	f_T	$V_{CE} = -10V$ $I_C = -50mA$	10		MHz

RATING AND CHARACTERISTICS CURVES (RT350LD)



TO-252



Unit:mm

Note: All unstated tolerances are ± 0.1 mm

PACKAGING OF DIODE AND BRIDGE RECTIFIERS

TUBE PACK

PACKAGE	PACKING CODE	EA PER REEL	EA PER BOX	INNER BOX SIZE (mm)	CARTON SIZE (mm)	EA PER CARTON
TO-252	-T	2500	5000	410*410*45	430*430*390	40000

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