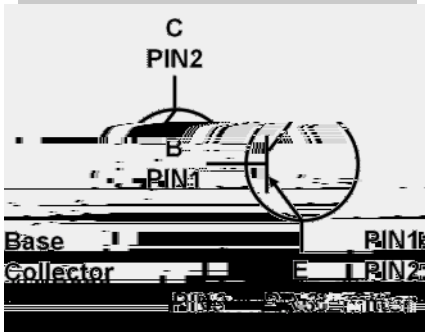
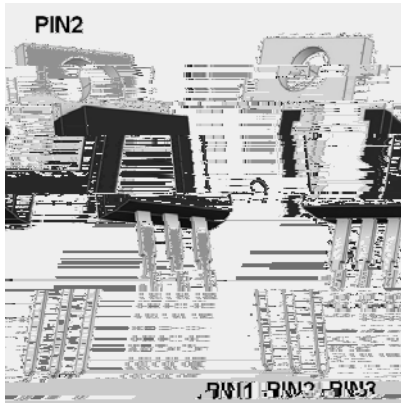


PNP Power Transistors



Features

- Epoxy Meets UL 94 V-0 Flammability Rating
- High Current Switching Applications
- Low Collector Saturation Voltage

Applications

- Complement to 2SC2562
- High switching speed

Mechanical Data

- Package: TO-220AB
- Terminals: Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Unit Weight: 1.9g

Maximum Ratings (Ta=25 unless otherwise noted)

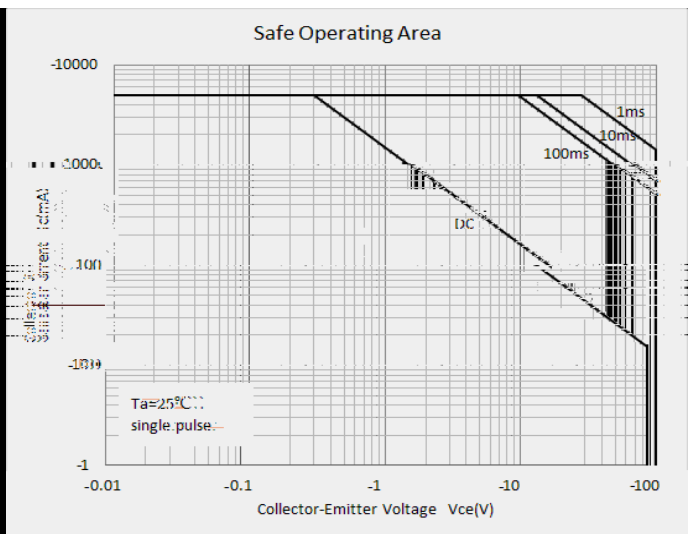
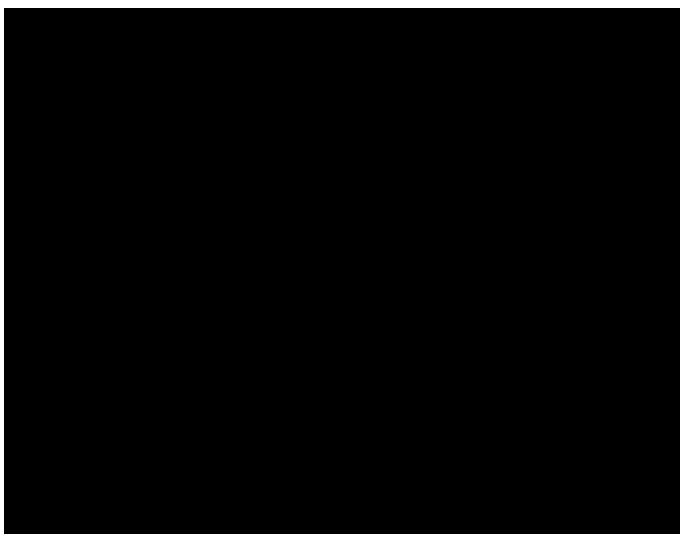
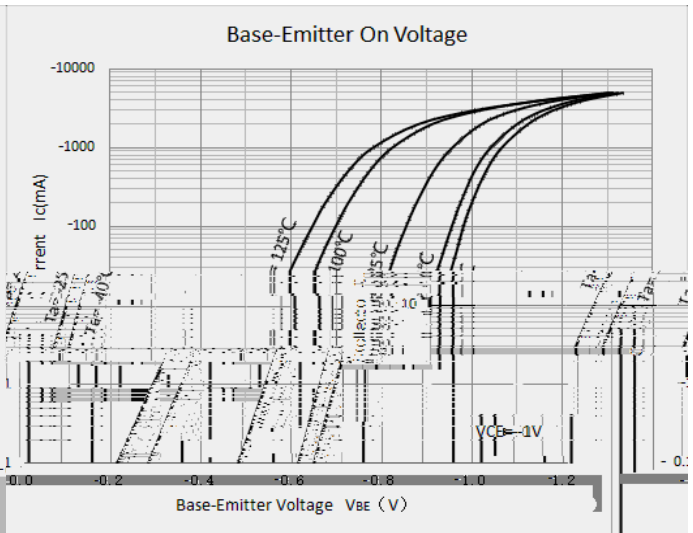
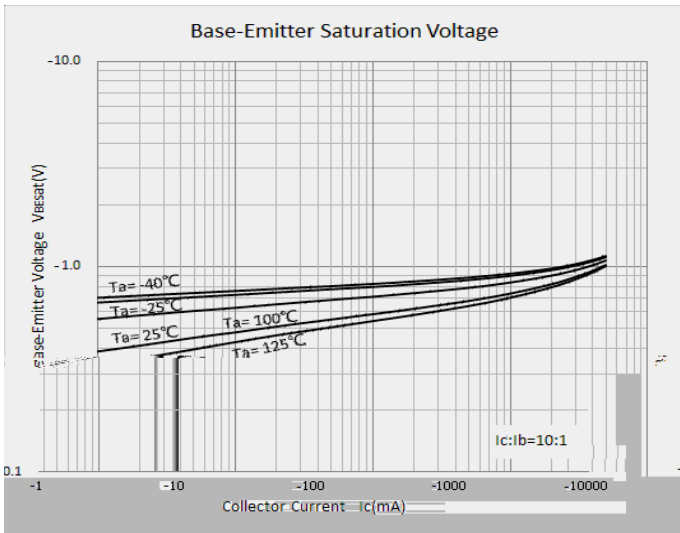
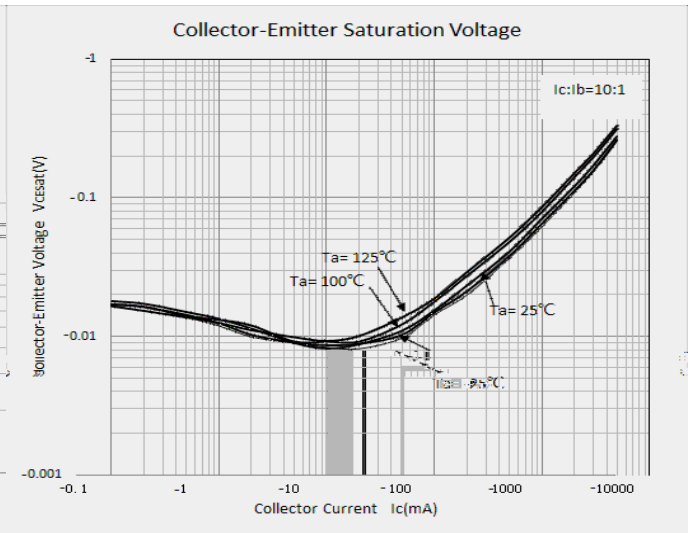
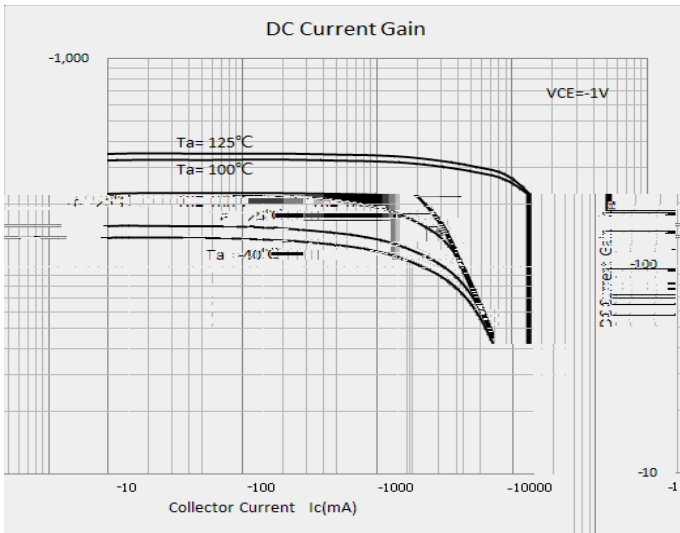
Item	Symbol	Unit	Value
Device marking code			2SA1012-Y
Collector-base voltage	V_{CBO}	V	-60
Collector-emitter voltage	V_{CEO}	V	-50
Emitter-base voltage	V_{EBO}	V	-5
Collector current	I_C	A	- P
	D	W	2
Thermal resistance, junction-to-ambient (Note1)	R_{thJA}	/W	62.5
Junction temperature	T_j		-55 to +150
Storage temperature	T_{STG}		-55 to +150

Note1 D



Electrical Characteristics (Ta=25 unless otherwise noted)

Item	Symbol	Unit	Conditions	Min
------	--------	------	------------	-----





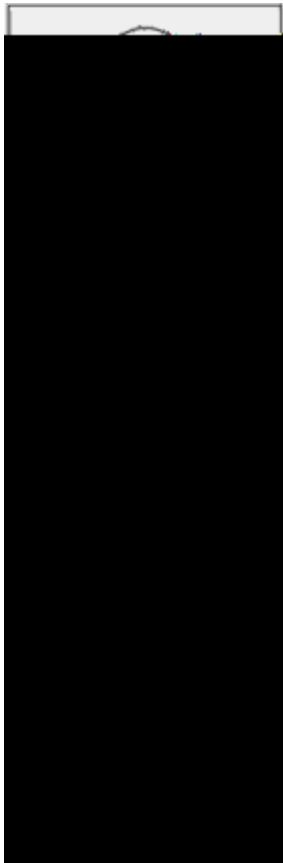
Ordering Information (Example)

PREFERED P/N	PACKING CODE	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
2SA1012-Y	B1	50/Tube	1000	5000	Tube

TO-220AB Package information



Marking code



Yangjie LOGO
 YYWW YY, years; WW , week.
 For example,24 represents 2024; 01 represents the first week of this year.
 2SA1012-Y: Product model.

