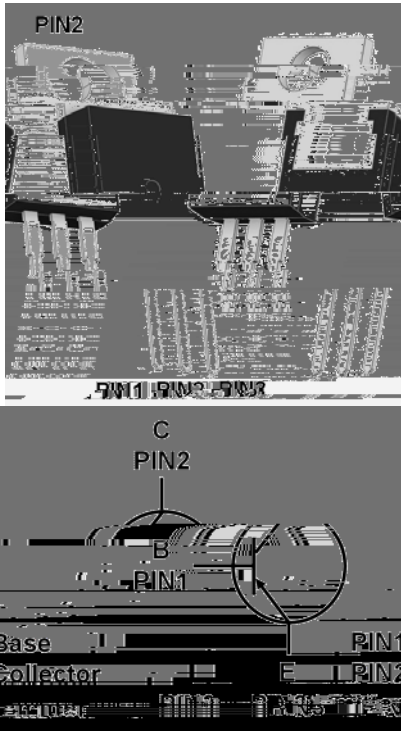


## PNP Power Transistors



### 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 o
	$D$	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

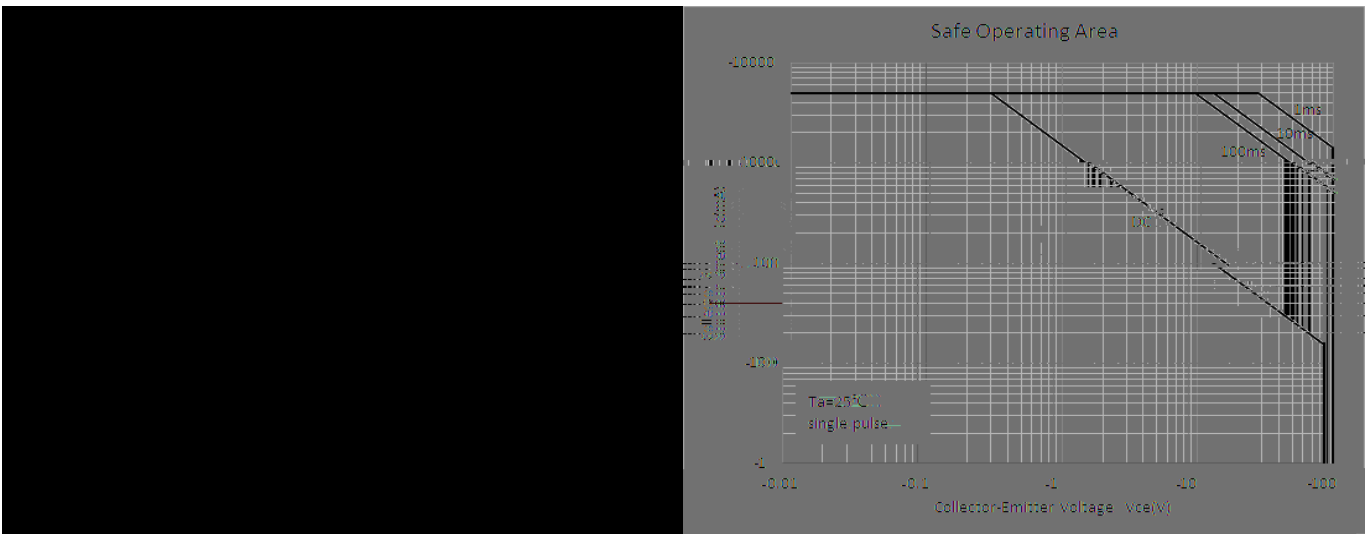
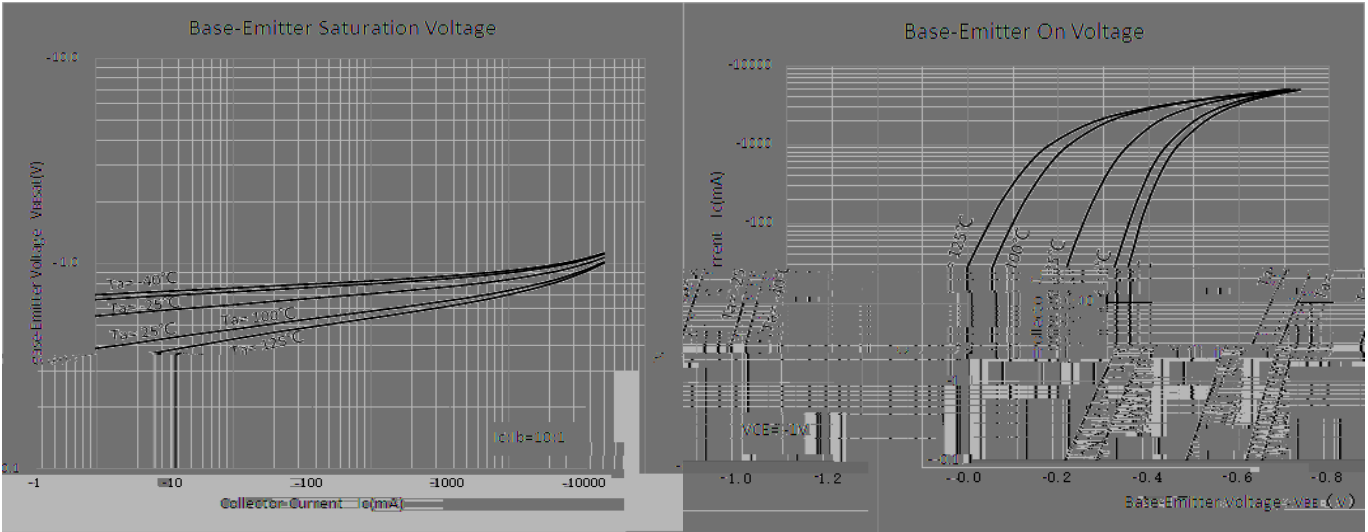
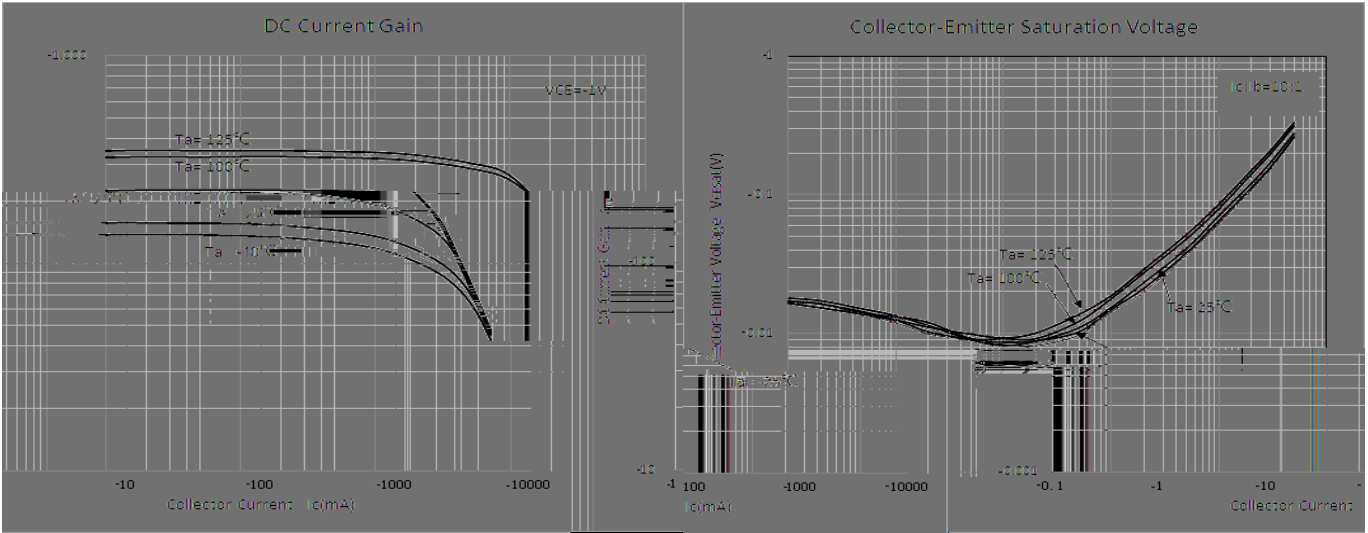


## 2SA1012-Y

RoHS  
COMPLIANT

### Electrical Characteristics (Ta=25 unless otherwise noted)

Item	Symbol	Unit	Conditions	Min
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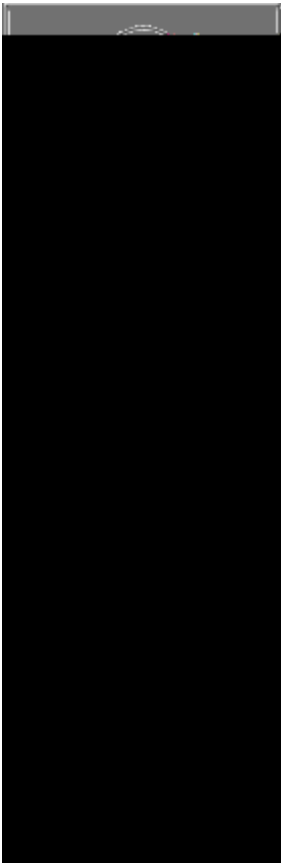
Ordering Information (Example)

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.

