

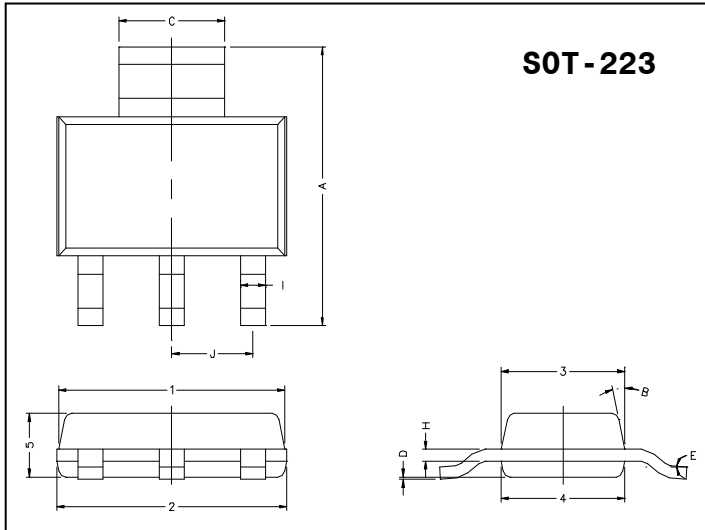
## GLA92

### PNP EPITAXIAL PLANAR TRANSISTOR

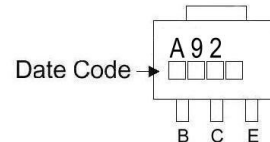
#### Description

The GLA92 is designed for application as a video output to drive color CRT, or as a dialer circuit in electronics telephone.

#### Package Dimensions



Marking :



REF.	Millimeter		REF.	Millimeter	
	Min.	Max.		Min.	Max.
A	6.70	7.30	B	13° TYP.	
C	2.90	3.10	J	2.30 REF.	
D	0.02	0.10	1	6.30	6.70
E	0°	10°	2	6.30	6.70
I	0.60	0.80	3	3.30	3.70
H	0.25	0.35	4	3.30	3.70
			5	1.40	1.80

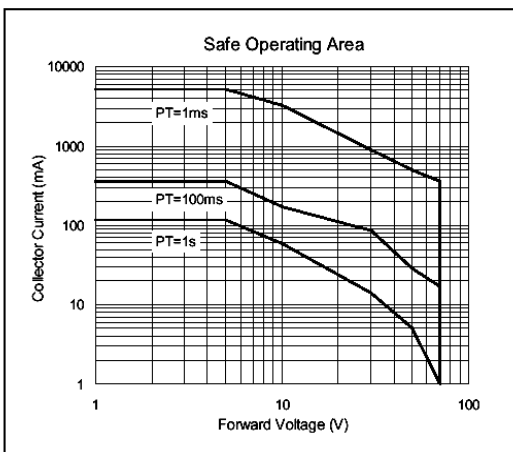
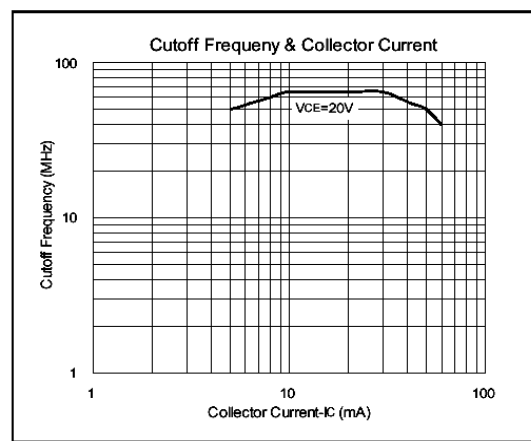
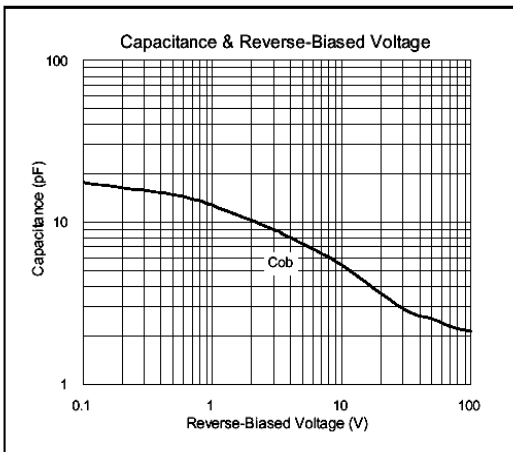
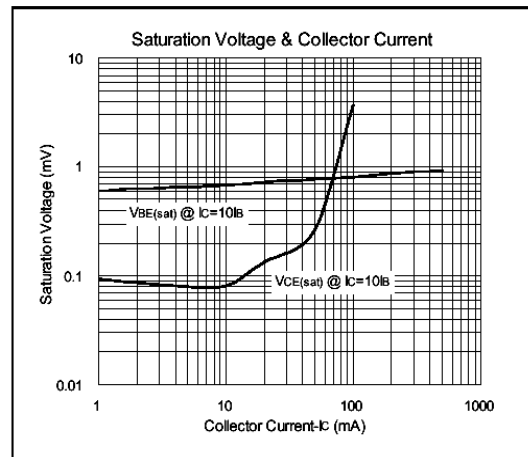
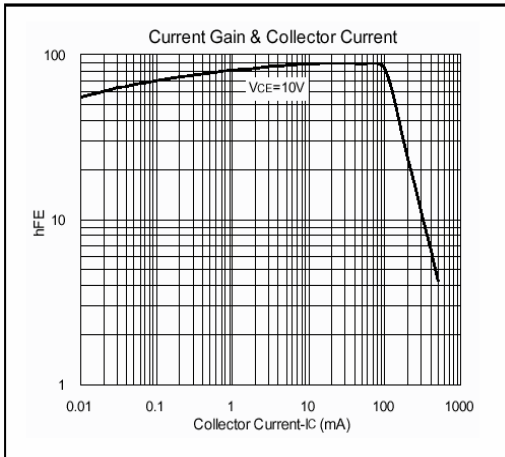
#### Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Ratings	Unit
Junction Temperature	T <sub>j</sub>	+150	°C
Storage Temperature	T <sub>stg</sub>	-55~+150	°C
Collector to Base Voltage	V <sub>CB0</sub>	-300	V
Collector to Emitter Voltage	V <sub>CEO</sub>	-300	V
Emitter to Base Voltage	V <sub>EBO</sub>	-5.0	V
Collector Current	I <sub>C</sub>	-500	mA
Total Power Dissipation	P <sub>D</sub>	2	W

#### Characteristics at Ta = 25°C

Symbol	Min.	Typ.	Max.	Unit	Test Conditions
BV <sub>CB0</sub>	-300	-	-	V	I <sub>C</sub> =-100uA, I <sub>E</sub> =0
BV <sub>CEO</sub>	-300	-	-	V	I <sub>C</sub> =-1mA, I <sub>B</sub> =0
BV <sub>EBO</sub>	-5.0	-	-	V	I <sub>E</sub> =-100uA, I <sub>C</sub> =0
I <sub>CBO</sub>	-	-	-250	nA	V <sub>CB</sub> =-200V, I <sub>E</sub> =0
I <sub>EBO</sub>	-	-	-100	nA	V <sub>BE</sub> =-3V
V <sub>CE(sat)</sub>	-	-	-500	mV	I <sub>C</sub> =-20mA, I <sub>B</sub> =-2mA
V <sub>BE(sat)</sub>	-	-	-900	mV	I <sub>C</sub> =-20mA, I <sub>B</sub> =-2mA
h <sub>FE1</sub>	25	-	-		V <sub>CE</sub> =-10V, I <sub>C</sub> =-1mA
h <sub>FE2</sub>	40	-	-		V <sub>CE</sub> =-10V, I <sub>C</sub> =-10mA
h <sub>FE3</sub>	25	-	-		V <sub>CE</sub> =-10V, I <sub>C</sub> =-30mA
f <sub>T</sub>	50	-	-	MHz	V <sub>CE</sub> =-20V, I <sub>C</sub> =-10mA, f=100MHz
C <sub>ob</sub>	-	-	6.0	pF	V <sub>CB</sub> =-20V, f=1MHz

## Characteristics Curve



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