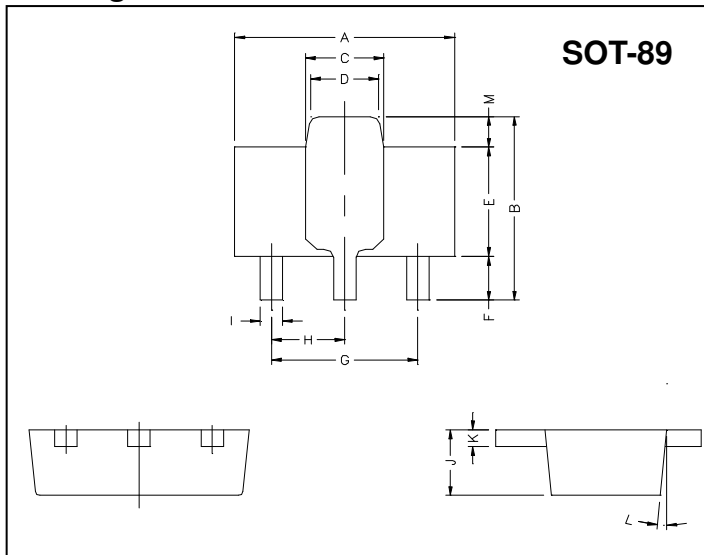
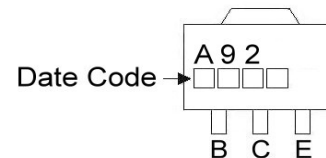


GMA92**PNP PITAXIAL PLANAR TRANSISTOR****Description**

The GMA92 is designed for applications 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	4.4	4.6	G	3.00	REF.
B	4.05	4.25	H	1.50	REF.
C	1.50	1.70	I	0.40	0.52
D	1.30	1.50	J	1.40	1.60
E	2.40	2.60	K	0.35	0.41
F	0.89	1.20	L	5°	TYP.
			M	0.70	REF.

Absolute Maximum Ratings at Ta = 25°C

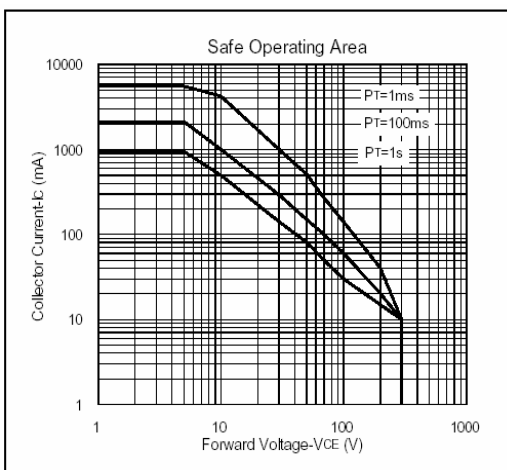
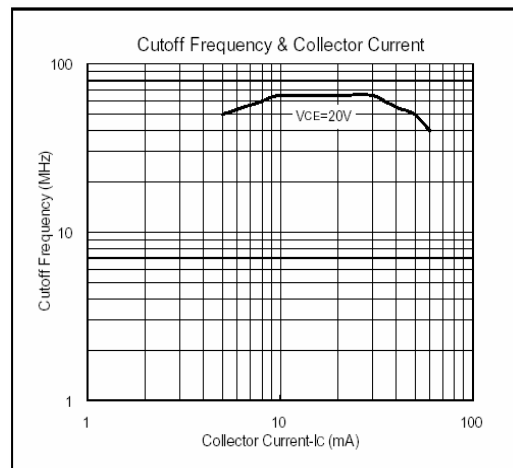
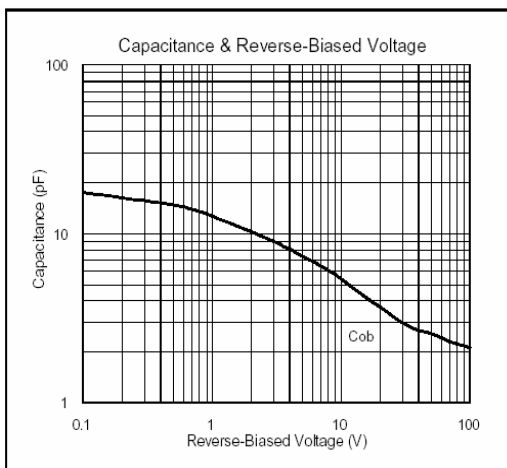
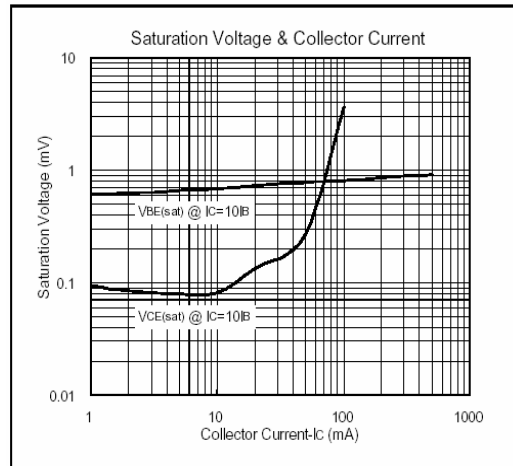
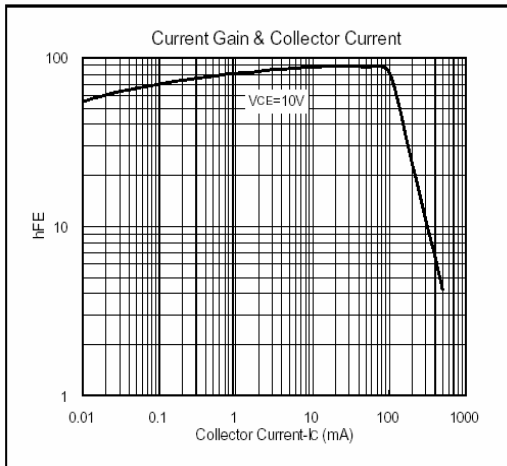
Parameter	Symbol	Ratings	Unit
Junction Temperature	T _j	+150	°C
Storage Temperature Range	T _{STG}	-55 ~ +150	°C
Collector to Base Voltage	V _{CBO}	-300	V
Collector to Emitter Voltage	V _{CEO}	-300	V
Emitter to Base Voltage	V _{EBO}	-5	V
Collect Current(DC)	I _c	-500	mA
Total Power Dissipation	P _D	1	W

Electrical Characteristics(Ta = 25°C)

Symbol	Min.	Typ.	Max.	Unit	Test Conditions
BVCBO	-300	-	-	V	I _C =-100μA, I _E =0
BVCEO	-300	-	-	V	I _C =-1mA, I _B =0
BVEBO	-5	-	-	V	I _E =-100μA, I _C =0
ICBO	-	-	-250	nA	V _{CB} =-200V, I _E =0
IEBO	-	-	-100	nA	V _{EB} =-3V, I _C =0
*VCE(sat)	-	-	-500	mV	I _C =-20mA, I _B =-2mA
*VBE(sat)	-	-	-900	mV	I _C =-20mA, I _B =-2mA
*hFE1	25	-	-		V _{CE} =-10V, I _C =-1mA
*hFE2	40	-	-		V _{CE} =-10V, I _C =-10mA
*hFE3	25	-	-		V _{CE} =-10V, I _C =-30mA
f _T	50	-	-	MHz	V _{CB} =-20V, I _C =-10mA, f=100MHz
Cob	-	-	6	pF	V _{CB} =-20V, I _E =0

* Pulse Test: Pulse Width ≤ 380μs, Duty Cycle ≤ 2%

Characteristics Curve



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