

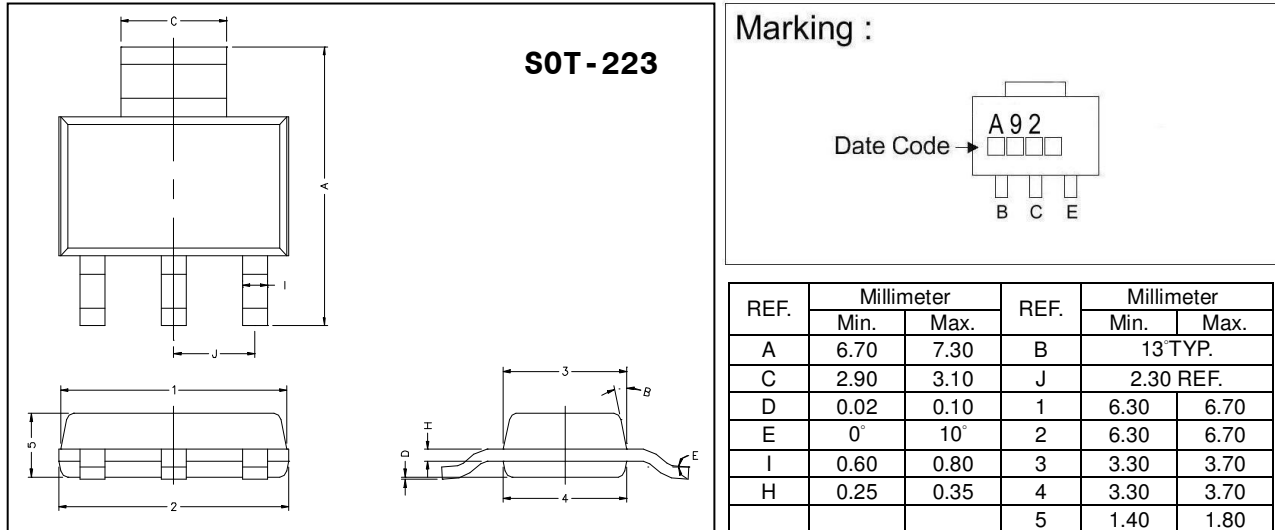
GLA92

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



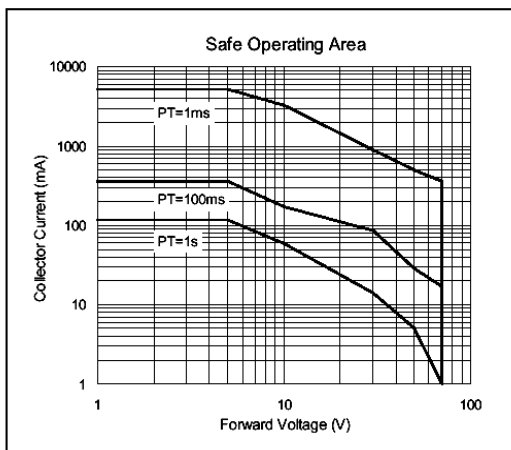
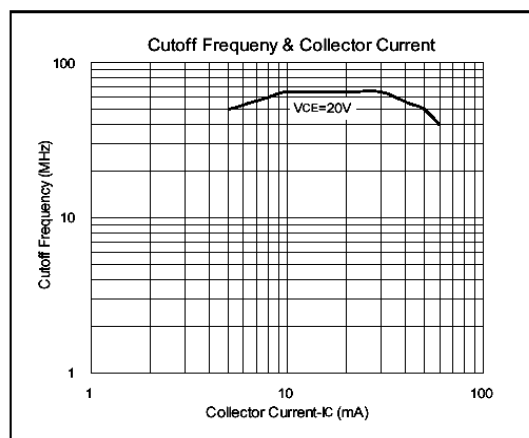
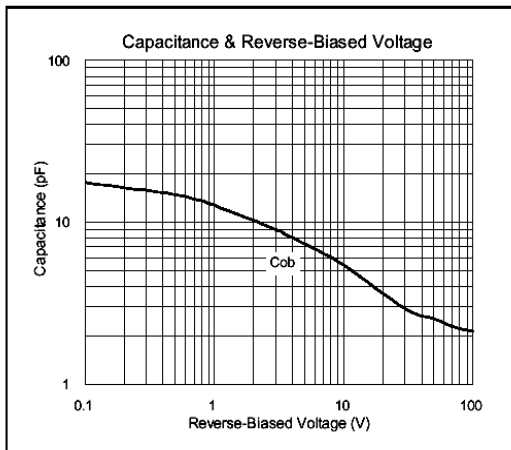
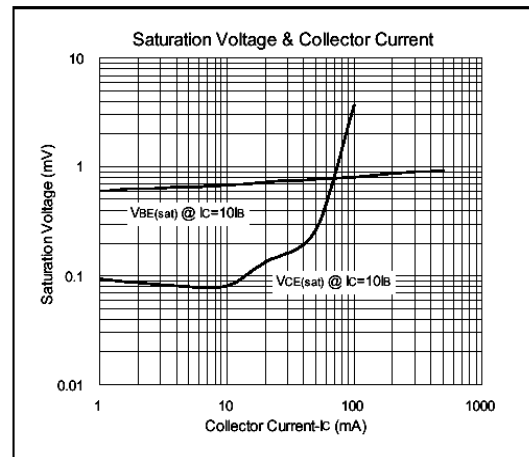
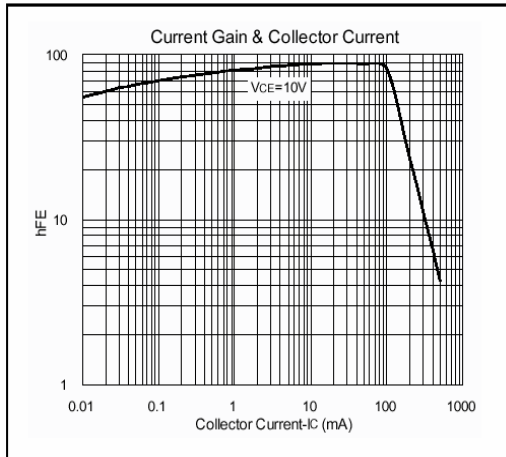
Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Ratings	Unit
Junction Temperature	T _j	+150	°C
Storage Temperature	T _{stg}	-55~+150	°C
Collector to Base Voltage	V _{CB0}	-300	V
Collector to Emitter Voltage	V _{CEO}	-300	V
Emitter to Base Voltage	V _{EB0}	-5.0	V
Collector Current	I _C	-500	mA
Total Power Dissipation	P _D	2	W

Characteristics at Ta = 25°C

Symbol	Min.	Typ.	Max.	Unit	Test Conditions
B _V CB0	-300	-	-	V	I _C =-100μA, I _E =0
B _V CEO	-300	-	-	V	I _C =-1mA, I _B =0
B _V EB0	-5.0	-	-	V	I _E =-100μA, I _C =0
I _{CB0}	-	-	-250	nA	V _{CB} =-200V, I _E =0
I _{EB0}	-	-	-100	nA	V _{BE} =-3V
V _{CE} (sat)	-	-	-500	mV	I _C =-20mA, I _B =-2mA
V _{BE} (sat)	-	-	-900	mV	I _C =-20mA, I _B =-2mA
h _{FE} 1	25	-	-		V _{CE} =-10V, I _C =-1mA
h _{FE} 2	40	-	-		V _{CE} =-10V, I _C =-10mA
h _{FE} 3	25	-	-		V _{CE} =-10V, I _C =-30mA
f _T	50	-	-	MHz	V _{CE} =-20V, I _C =-10mA, f=100MHz
C _{ob}	-	-	6.0	pF	V _{CB} =-20V, f=1MHz

Characteristics Curve



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