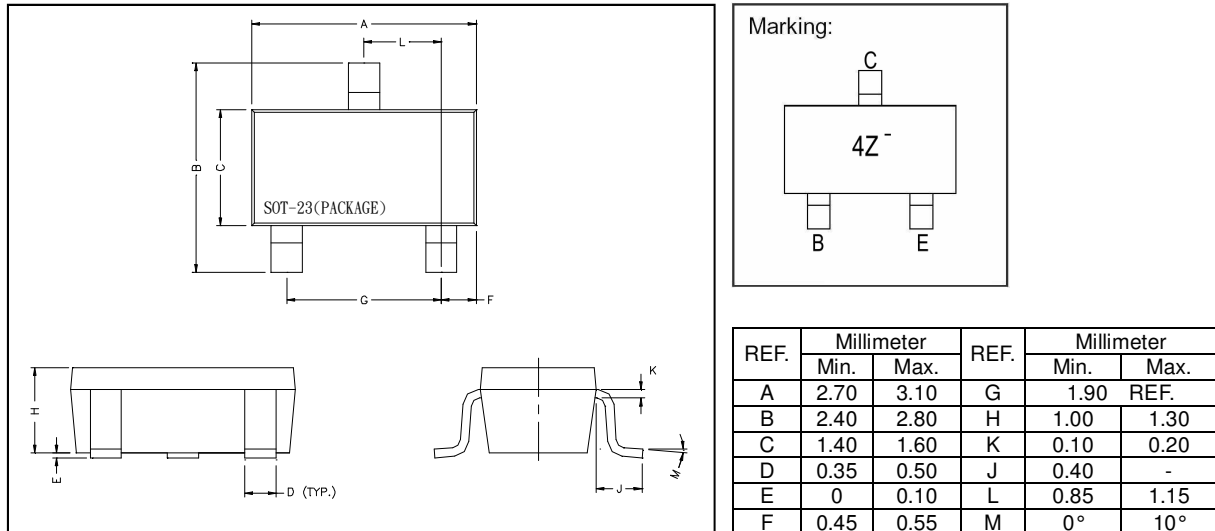


GMBTA94**PNP EPITAXIAL PLANAR TRANSISTOR****Description**

The GMBTA94 is designed for application requires high voltage.

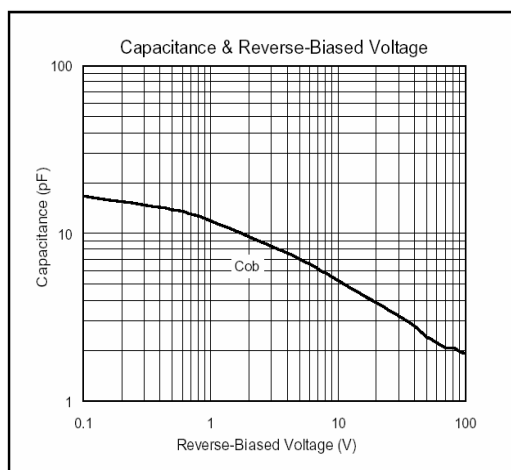
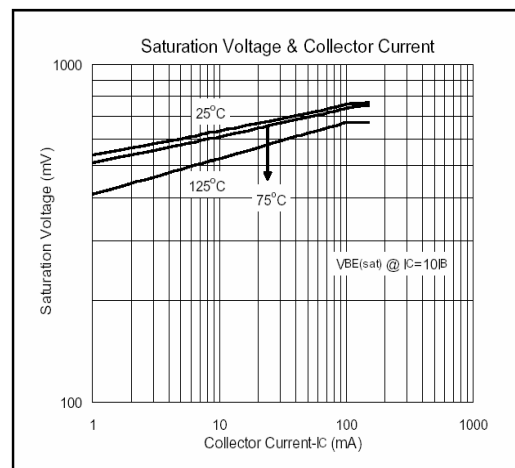
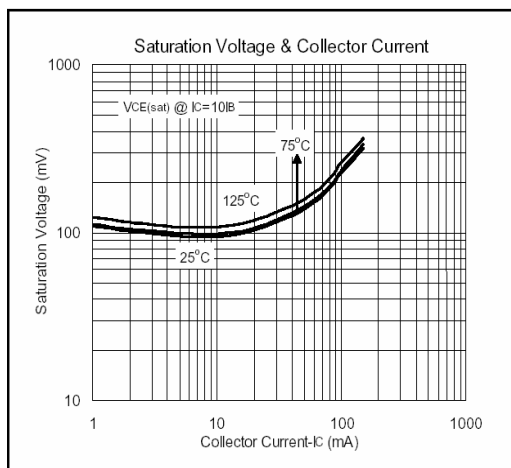
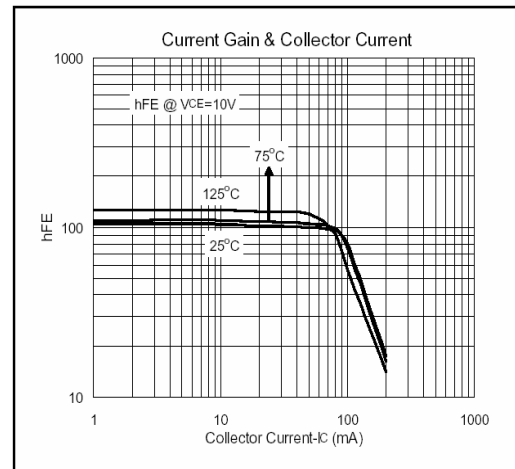
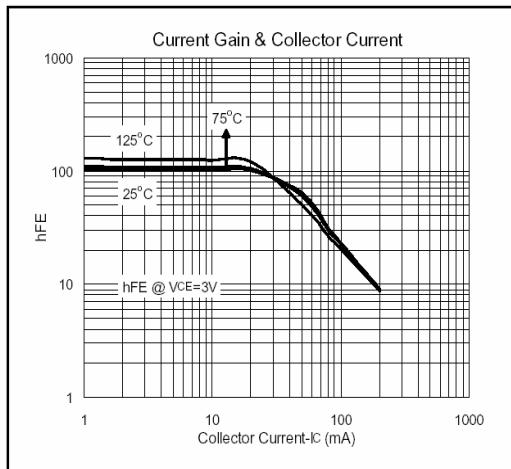
Package Dimensions**Absolute Maximum Ratings at Ta = 25°C**

Parameter	Symbol	Ratings	Unit
Junction Temperature	T _J	+150	°C
Storage Temperature	T _{stg}	-55~+150	°C
Collector to Base Voltage	V _{CB0}	-400	V
Collector to Emitter Voltage	V _{CEO}	-400	V
Emitter to Base Voltage	V _{EBO}	-6	V
Collector Current	I _c	-300	mA
Total Power Dissipation	P _D	350	mW

Electrical Characteristics (Ta = 25°C, unless otherwise noted)

Symbol	Min.	Typ.	Max.	Unit	Test Conditions
BV _{CB0}	-400	-	-	V	I _c =-100uA, I _E =0
BV _{CEO}	-400	-	-	V	I _c =-1mA, I _B =0
BV _{EBO}	-6	-	-	V	I _E =-10uA, I _c =0
I _{CB0}	-	-	-100	nA	V _{CB} =-400V, I _E =0
I _{EBO}	-	-	-100	nA	V _{EB} =-4V, I _c =0
I _{CES}	-	-	-500	nA	V _{CE} =-400V
V _{CE(sat)1}	-	-	-350	mV	I _c =-1mA, I _B =-0.1mA
V _{CE(sat)2}	-	-	-500	mV	I _c =-20mA, I _B =-2mA
V _{CE(sat)3}	-	-	-750	mV	I _c =-50mA, I _B =-5mA
V _{BE(sat)}	-	-	-750	mV	I _c =-10mA, I _B =-1mA
h _{FE1}	40	-	-		V _{CE} =-10V, I _c =-1mA
h _{FE2}	50	-	300		V _{CE} =-10V, I _c =-10mA
h _{FE3}	45	-	-		V _{CE} =-10V, I _c =-50mA
h _{FE4}	20	-	-		V _{CE} =-10V, I _c =-100mA

Characteristics Curve



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