

GTM CORPORATION

ISSUED DATE :2004/05/28
REVISED DATE :

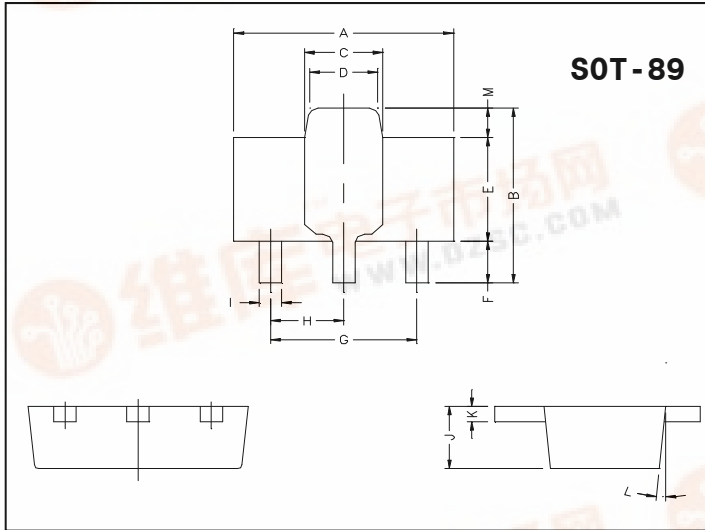
GMA06

NPN SILICON TRANSISTOR

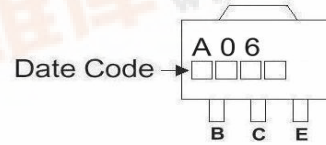
Description

The GMA06 is Amplifier Transistor.

Package Dimension



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

Parameter	Symbol	Ratings	Unit
Junction Temperature	T _j	+150	°C
Storage Temperature	T _{stg}	-55~+150	°C
Collector to Base Voltage	V _{CB0}	80	V
Collector to Emitter Voltage	V _{CE0}	80	V
Emitter to Base Voltage	V _{EB0}	4	V
Collector Current	I _c	500	mA
Total Power Dissipation at Ta=25°C	P _D	1.2	W

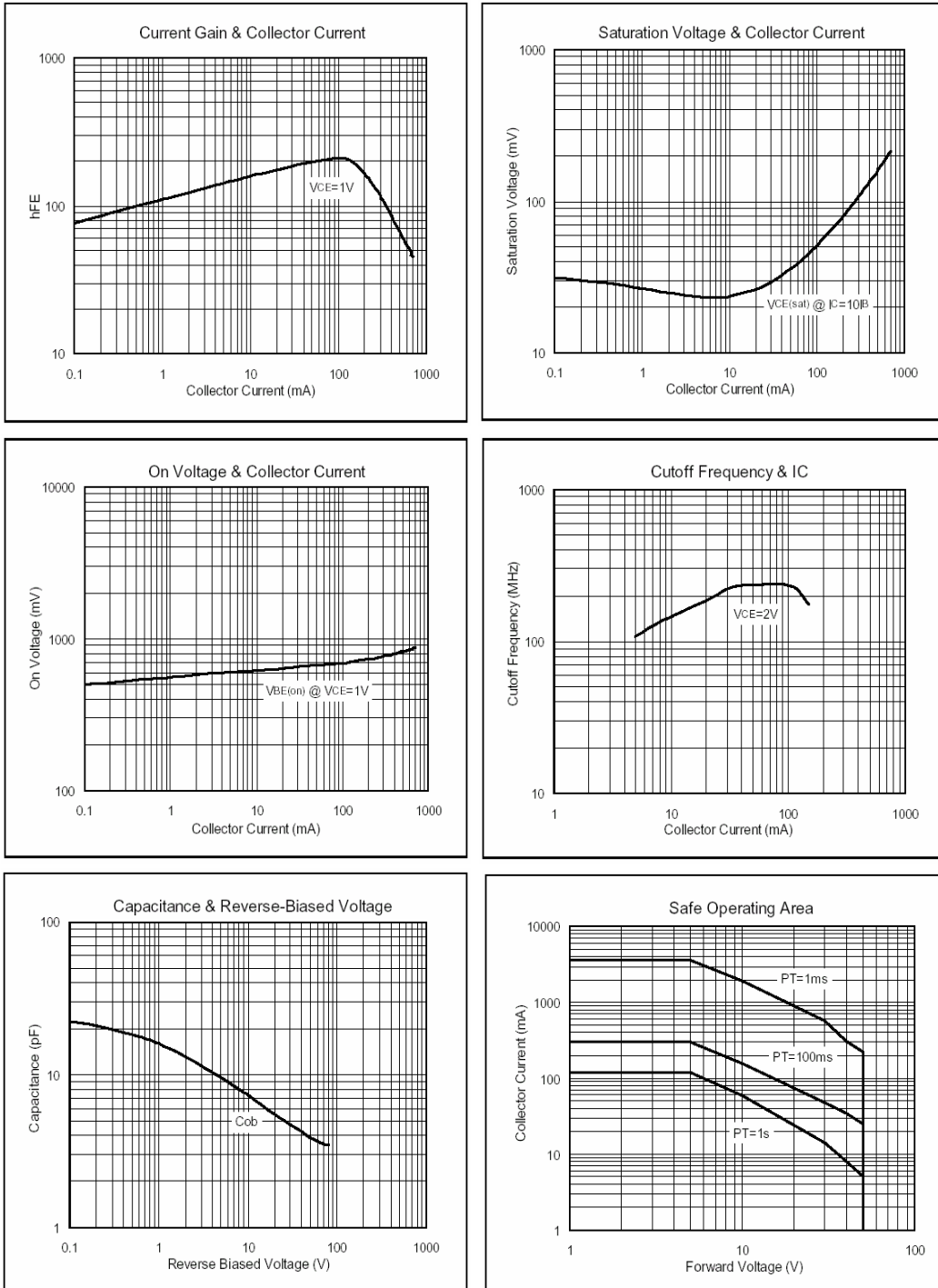
Characteristics at Ta = 25°C

Symbol	Min.	Typ.	Max.	Unit	Test Conditions
V _{CB0}	80	-	-	V	I _c =100uA
V _{CE0}	80	-	-	V	I _c =1mA
V _{EB0}	4	-	-	V	I _E =100uA
I _{CB0}	-	-	100	nA	V _{CB} =80V
I _{CE0}	-	-	100	nA	V _{CE} =60V
*V _{CE(sat)}	-	-	250	mV	I _c =100mA, I _B =10mA
V _{BE(sat)}	-	-	1.2	V	I _c =100mA, V _{CE} =1V
*h _{FE1}	50	-	-		V _{CE} =1V, I _c =10mA
*h _{FE2}	50	-	-		V _{CE} =1V, I _c =100mA
f _T	100	-	-	MHz	V _{CE} =2V, I _c =10mA, f=100MHz

*Pulse Test:Pulse width ≤380us,Duty Cycles≤2%



Characteristics Curve



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