

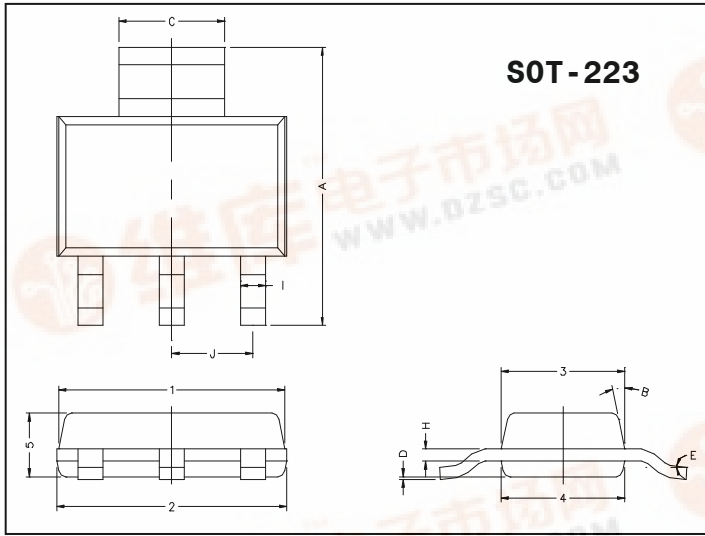
# GTM CORPORATION

## GL2907A PNP EPITAXIAL PLANAR TRANSISTOR

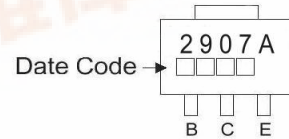
### Description

The GL2907A is designed for general purpose amplifier and high-speed switching, medium power switching applications.

### 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	Tj	+150	°C
Storage Temperature	Tstg	-55 ~ +150	°C
Collector to Base Voltage	VCBO	-60	V
Collector to Emitter Voltage	VCEO	-60	V
Emitter to Base Voltage	VEBO	-5	V
Collector Current	IC	-600	mA
Total Power Dissipation	PD	1.5	W

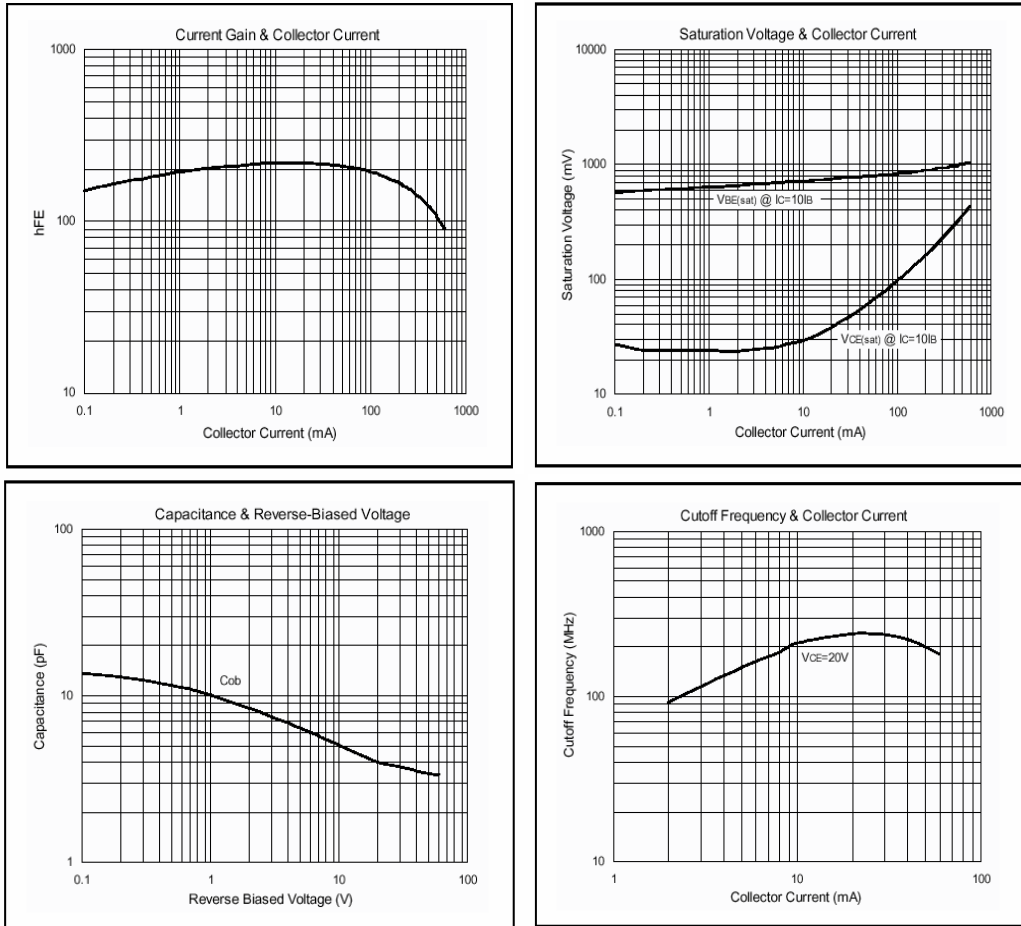
### Characteristics at Ta = 25°C

Symbol	Min.	Typ.	Max.	Unit	Test Conditions
BVCBO	-60	-	-	V	IC=-10uA
BVCEO	-60	-	-	V	IC=-10mA
BVEBO	-5	-	-	V	IC=-10uA
ICBO	-	-	-10	nA	VCB=-50V
ICEX	-	-	-50	nA	VCE=-30V, VBE=-0.5V
VCE(sat)1	-	-0.2	-0.4	V	IC=-150mA, IB=-15mA
VCE(sat)2	-	-0.5	-1.6	V	IC=-500mA, IB=-50mA
VBE(sat)1	-	-	-1.3	V	IC=-150mA, IB=-15mA
VBE(sat)2	-	-	-2.6	V	IC=-500mA, IB=-50mA
hFE1	75	-	-		VCE=-10V, IC=-100uA
hFE2	100	-	-		VCE=-10V, IC=-1mA
hFE3	100	-	-		VCE=-10V, IC=-10mA
hFE4	100	180	300		VCE=-10V, IC=-150mA
hFE5	50	-	-		VCE=-10V, IC=-500mA
fT	200	-	-	MHz	VCB=-20V, IC=-50mA, f=100MHz
Cob	-	-	8	pF	VCB=-10V, f=1MHz

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



## Characteristics Curve



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