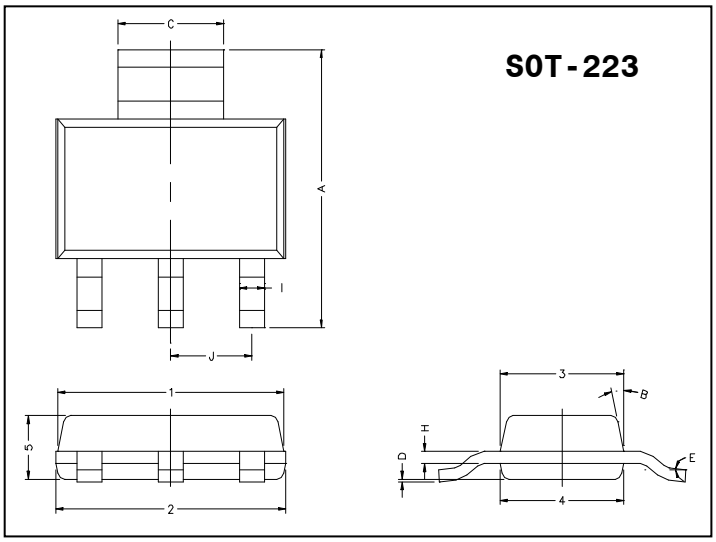
GL3906

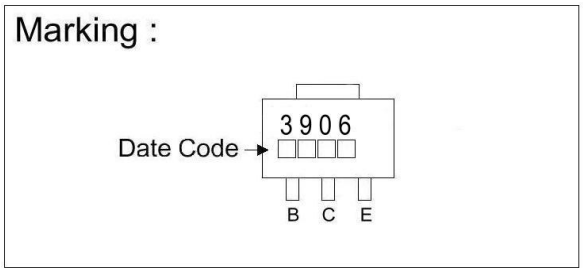
PNP EPITAXIAL PLANAR TRANSISTOR

Description

The GL3906 is designed for general purpose Switching and Amplifier Applications.

Package Dimensions





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℃

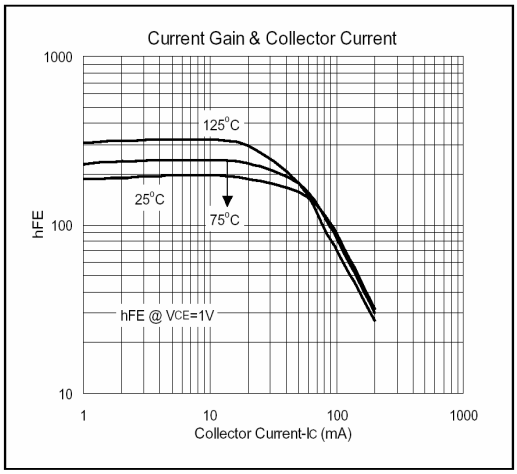
Parameter	Symbol	Ratings	Unit
Junction Temperature	Tj	+150	℃
Storage Temperature	Tstg	-55~+150	℃
Collector to Base Voltage	V_{CBO}	-40	V
Collector to Emitter Voltage	V_{CEO}	-40	V
Emitter to Base Voltage	V_{EBO}	-5	V
Collector Current	I_C	-200	mA
Total Power Dissipation	P_D	1.5	W

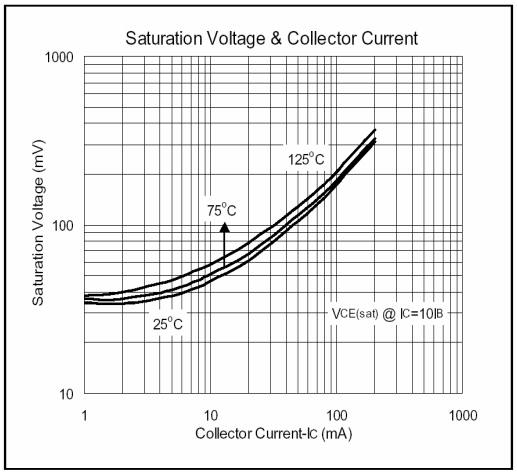
Characteristics at Ta = 25℃

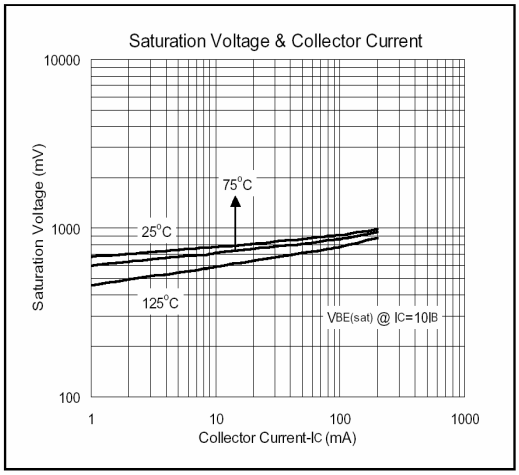
Symbol	Min.	Typ.	Max.	Unit	Test Conditions
BV_{CBO}	-40	-	-	V	I_C=-10uA
BV_{CEO}	-40	-	-	V	I_C=-1mA
BV_{EBO}	-5	-	-	V	I_E=-10uA
I_{CES}	-	-	-50	nA	V_{CB}=-30V
I_{EBO}	-	-	-50	nA	V_{EB}=-3V
$V_{CE(sat)1}$	-	-	-0.25	V	I_C=-10mA, I_B=-1mA
$V_{CE(sat)2}$	-	-0.2	-0.4	V	I_C=-50mA, I_B=-5mA
$V_{BE(sat)1}$	-0.65	-	-0.85	V	I_C=-10mA, I_B=-1mA
$V_{BE(sat)2}$	-	-0.84	-0.95	V	I_C=-50mA, I_B=-5mA
hFE1	60	-	-		V_{CE}=-1V, I_C=-0.1mA
hFE2	80	-	-		V_{CE}=-1V, I_C=-1mA
hFE3	100	-	300		V_{CE}=-1V, I_C=-10mA
hFE4	60	-	-		V_{CE}=-1V, I_C=-50mA
hFE5	30	-	-		V_{CE}=-1V, I_C=-100mA
fT	250	-	-	MHz	V_{CE}=-20V, I_E=-10mA, f=100MHz
Cob	-	-	4.5	pF	V_{CB}=-5V, f=1MHz

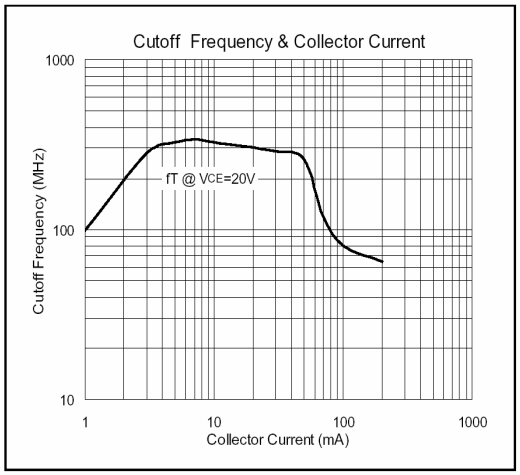
Note:Pulse test:PW<=300us, Duty Cycle<=2%

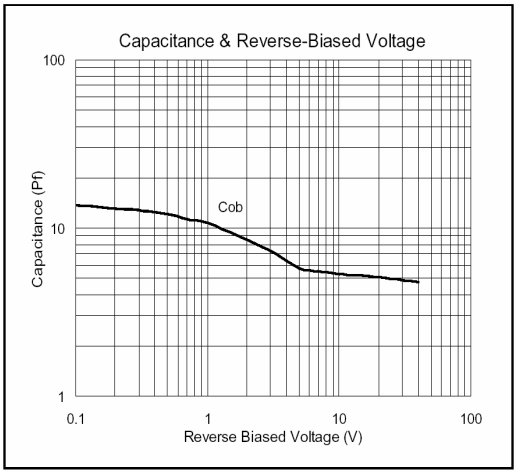
Characteristics Curve

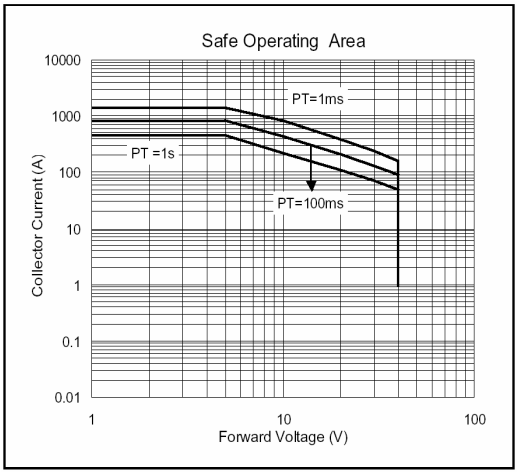












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Head Office And Factory:
- **Taiwan**: No. 17-1 Tatung Rd. Fu Kou Hsin-Chu Industrial Park, Hsin-Chu, Taiwan, R. O. C.
  TEL : 886-3-597-7061 FAX : 886-3-597-9220, 597-0785
- **China**: (201203) No.255, Jang-Jiang Tsai-Lueng RD. , Pu-Dung-Hsin District, Shang-Hai City, China
  TEL : 86-21-5895-7671 ~ 4 FAX : 86-21-38950165