

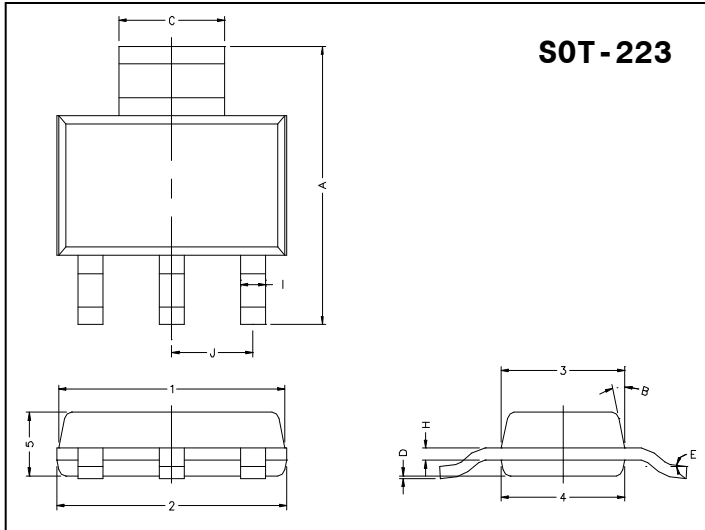
GL5672

NPN LOW FREQUENCY TRANSISTOR

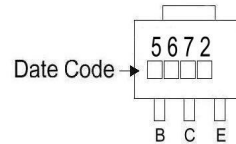
Description

The GL5672 is a low frequency transistor . Excellent DC current gain characteristics.

Package Dimension



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

Parameter	Symbol	Ratings	Unit
Junction Temperature	T _j	+150	°C
Storage Temperature	T _{stg}	-55 ~ +150	°C
Collector to Base Voltage at Ta=25°C	VCBO	60	V
Collector to Emitter Voltage at Ta=25°C	VCEO	50	V
Emitter to Base Voltage at Ta=25°C	VEBO	6	V
Collector Current at Ta=25°C	I _C	3	A
Collector Current (PULSE)(note1)	I _C	5	A
Total Power Dissipation at Ta=25°C	PD	2	W

Note1 :single pulse, PW=10ms

Characteristics at Ta = 25°C

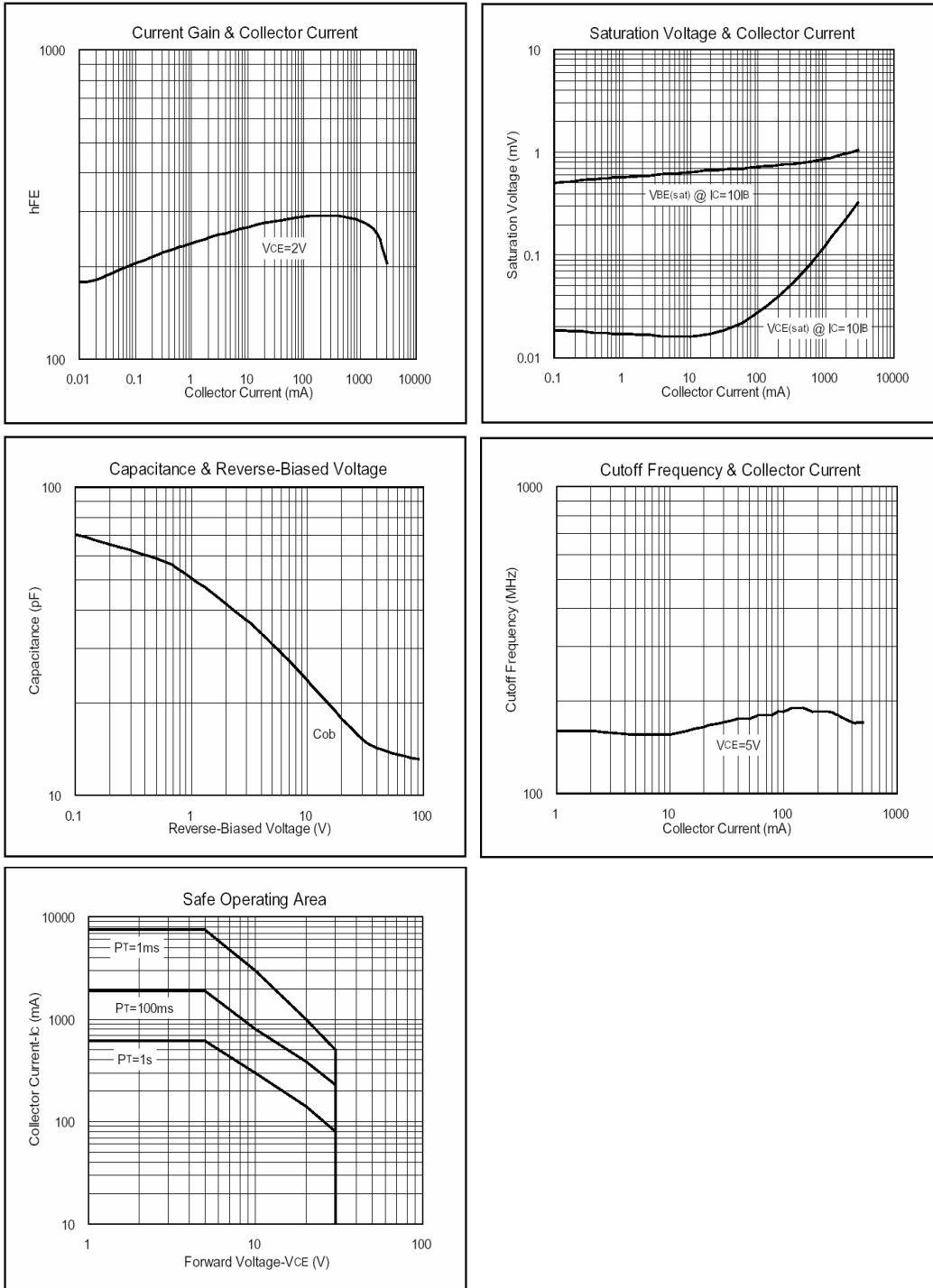
Symbol	Min.	Typ.	Max.	Unit	Test Conditions
BVCBO	60	-	-	V	I _C =50uA , I _E =0
BVCEO	50	-	-	V	I _C =1mA, I _B =0
BVEBO	6	-	-	V	I _E =50uA
ICBO	-	-	0.1	uA	VCB=60V
IEBO	-	-	0.1	uA	VEB=5V
VCE(sat)	-	0.1	0.35	V	I _C =1A, I _B =50mA (note1)
hFE	120	-	400		VCE=2V, I _C =0.5A (note1)
FT	-	210	-	MHz	VCE=2V, I _E =0.5A, f=100MHz
Cob	-	25	-	pF	VCB=10V, I _E =0, f=1MHz

Note 1: Measured using pulse current.

Classification Of hFE

Rank	A	B
Range	120-240	200-400

Characteristics Curve



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