

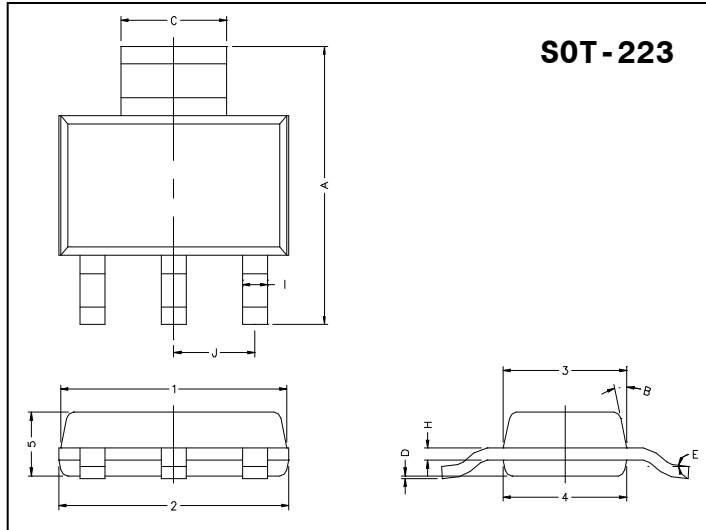
GL5672

NPN LOW FREQUENCY TRANSISTOR

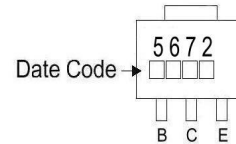
Description

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	Tj	+150	℃
Storage Temperature	Tstg	-55 ~ +150	℃
Collector to Base Voltage at Ta=25℃	VCBO	60	V
Collector to Emitter Voltage at Ta=25℃	VCEO	50	V
Emitter to Base Voltage at Ta=25℃	VEBO	6	V
Collector Current at Ta=25℃	IC	3	A
Collector Current (PULSE)(note1)	IC	5	A
Total Power Dissipation at Ta=25℃	PD	2	W

Note1 :single pulse, PW=10ms

Characteristics at Ta = 25℃

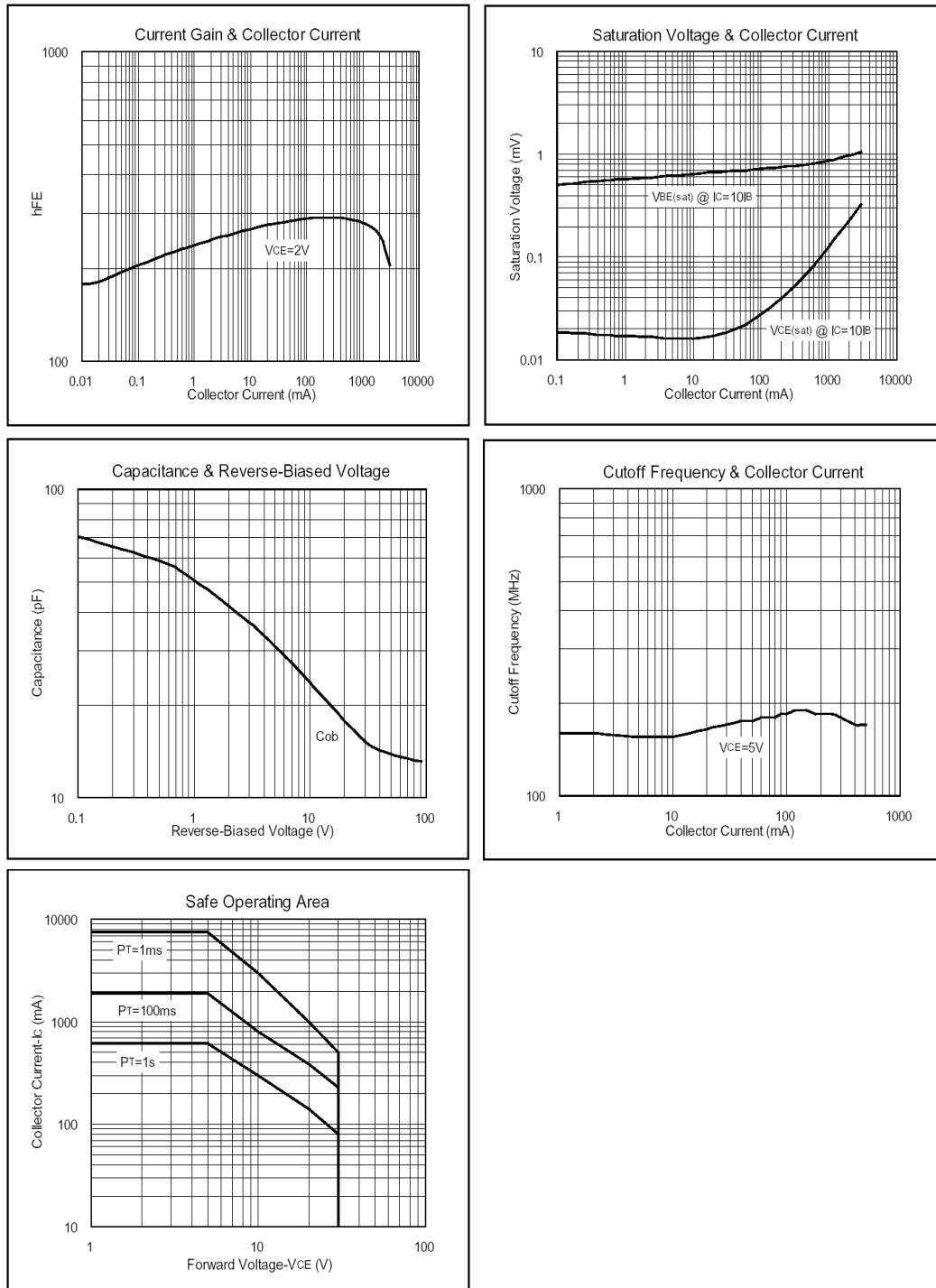
Symbol	Min.	Typ.	Max.	Unit	Test Conditions
BVCBO	60	-	-	V	IC=50uA, IE=0
BVCEO	50	-	-	V	IC=1mA, IB=0
BVEBO	6	-	-	V	IE=50uA
ICBO	-	-	0.1	uA	VCB=60V
IEBO	-	-	0.1	uA	VEB=5V
VCE(sat)	-	0.1	0.35	V	IC=1A, IB=50mA (note1)
hFE	120	-	400		VCE=2V, IC=0.5A (note1)
FT	-	210	-	MHz	VCE=2V, IE=0.5A, f=100MHz
Cob	-	25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