

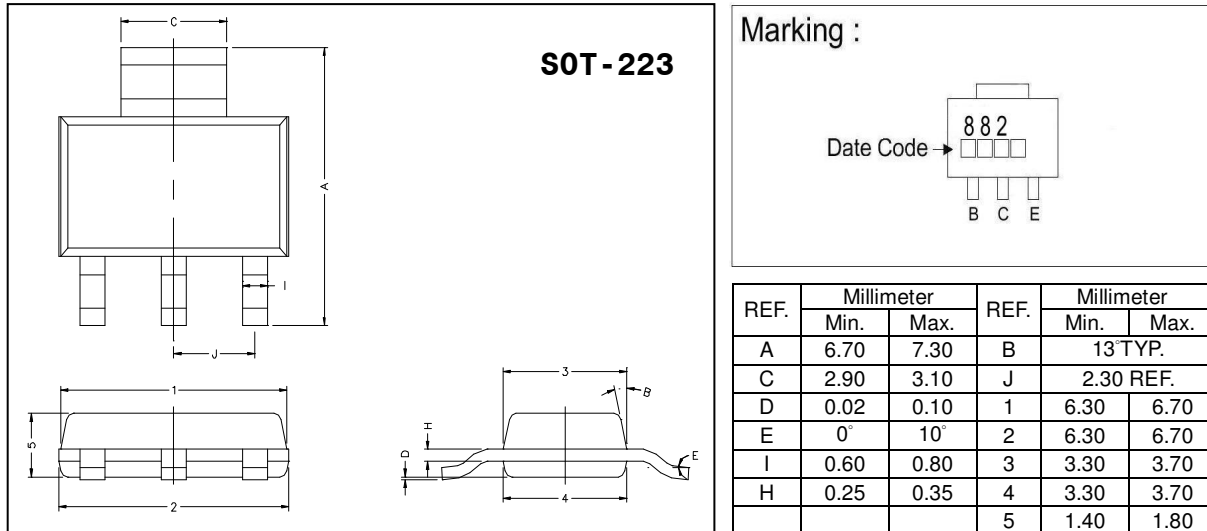
GL882

NPN EPITAXIAL PLANAR TRANSISTOR

Description

The GL882 is suited for the output stage of 2W audio, voltage regulator ,and relay driver.

Package Dimension



Absolute Maximum Ratings

Parameter	Symbol	Ratings	Unit
Junction Temperature	Tj	+150	°C
Storage Temperature	Tstg	-55 ~ +150	°C
Collector to Base Voltage at Ta=25	VCBO	40	V
Collector to Emitter Voltage at Ta=25	VCEO	30	V
Emitter to Base Voltage at Ta=25°C	VEBO	5.0	V
Collector Current at Ta=25°C	IC	3.0	A
Total Power Dissipation at Ta=25°C	PD	2	W

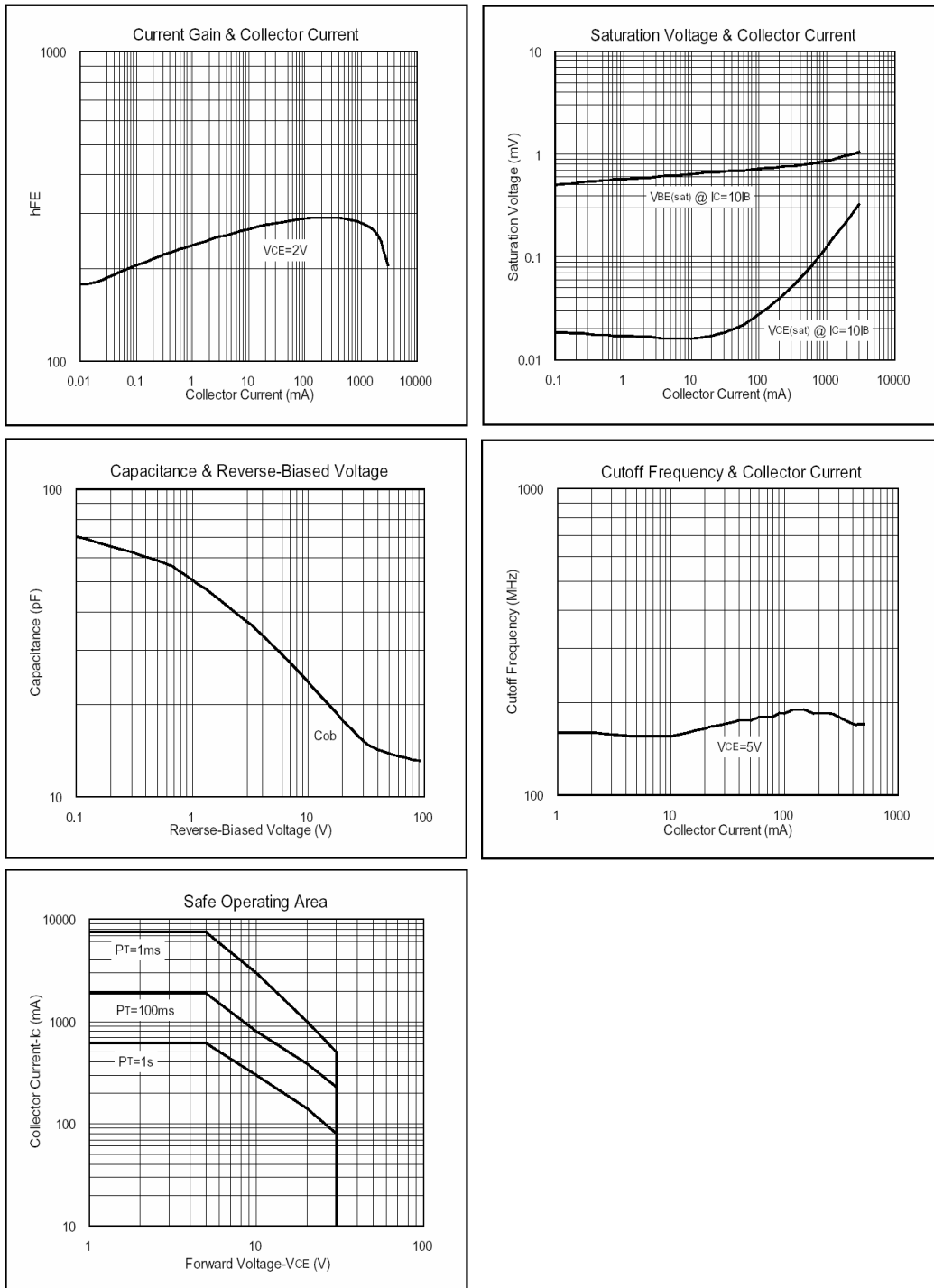
Characteristics at Ta = 25°C

Symbol	Min.	Typ.	Max.	Unit	Test Conditions
BVCBO	40	-	-	V	IC=100uA, IE=0
BVCEO	30	-	-	V	IC=1mA, IB=0
BVEBO	5	-	-	V	IE=10uA
ICBO	-	-	1	uA	VCB=30V
IEBO	-	-	1	uA	VEB=3V
VCE(sat)	-	-	0.5	V	IC=2A, IB=0.2A
VBE(sat)	-	-	2	V	IC=2A, IB=0.2A
hFE1	30	-	-		VCE=2V, IC=20mA
hFE2	100	-	500		VCE=2V, IC=1A
FT	-	90	-	MHz	VCE=5V, IC=0.1A, f=100MHz
Cob	-	45	-	Pf	VCB=10V, IE=0, f=1MHz

Classification Of hFE

Rank	Q	P	E
Range	100-200	160-320	250-500

Characteristics Curve



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