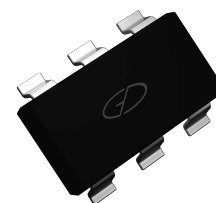


Features

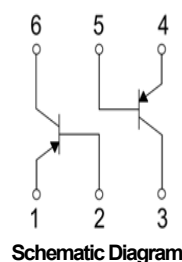
- Dual PNP transistors in one single package
- No mutual interference between the transistors

Absolute Maximum Ratings (T_A = 25 °C unless otherwise noted)

Parameter	Symbol	Value	Unit
Collector-Base Voltage	V _{CBO}	-50	V
Collector-Emitter Voltage	V _{CEO}	-45	V
Emitter-Base Voltage	V _{EBO}	-5	V
Collector Current –Continuous	I _C	-0.2	A
Collector Power	P _C	300	mW
Thermal Resistance from Junction to Ambient	R _{θJA}	417	°C/W
Junction & Storage Temperature	T _{STG}	-55 to +150	°C



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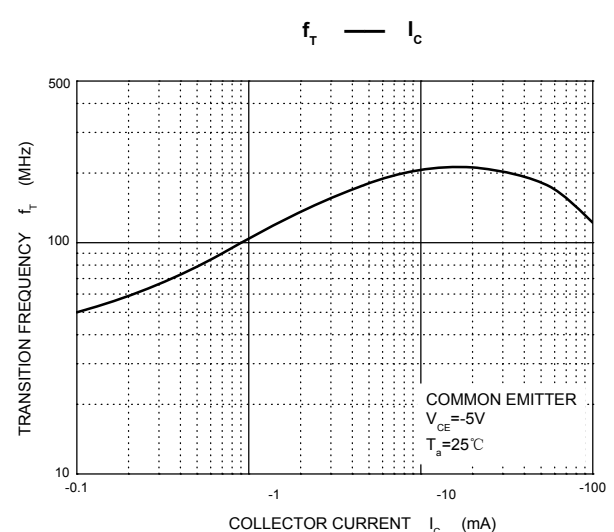
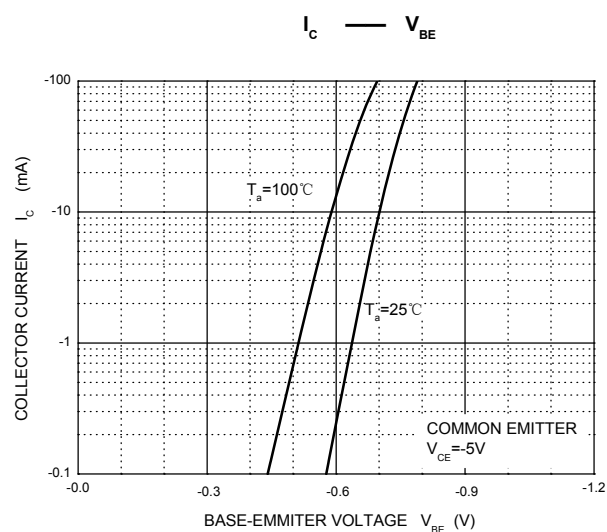
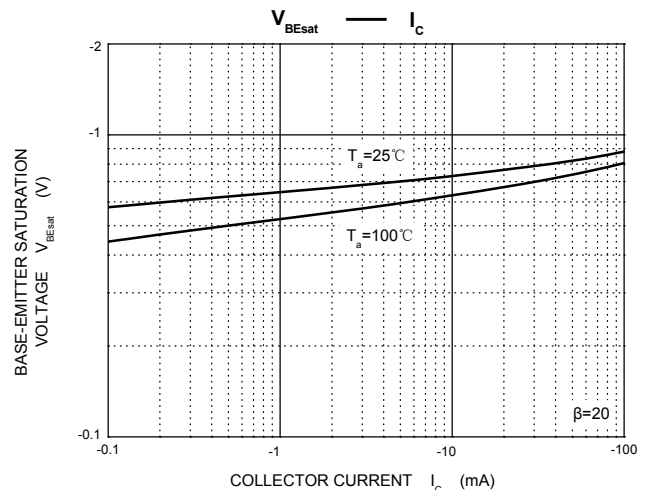
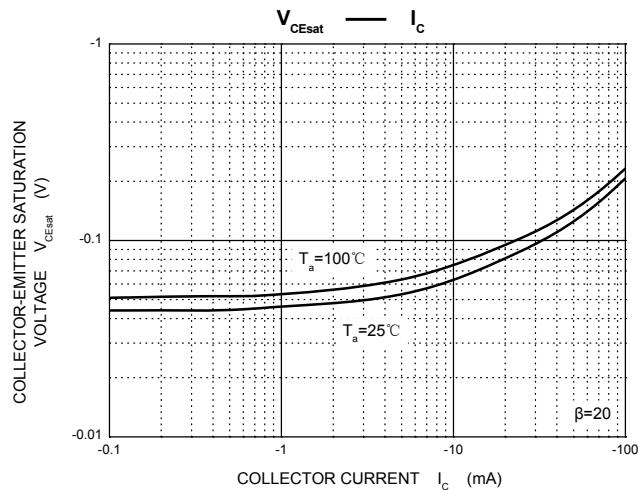
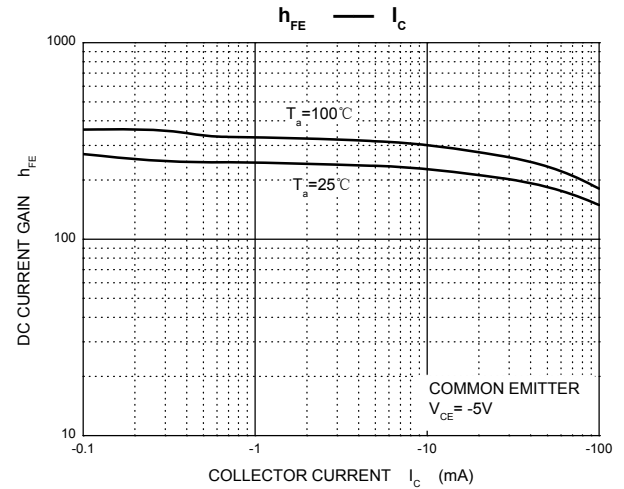
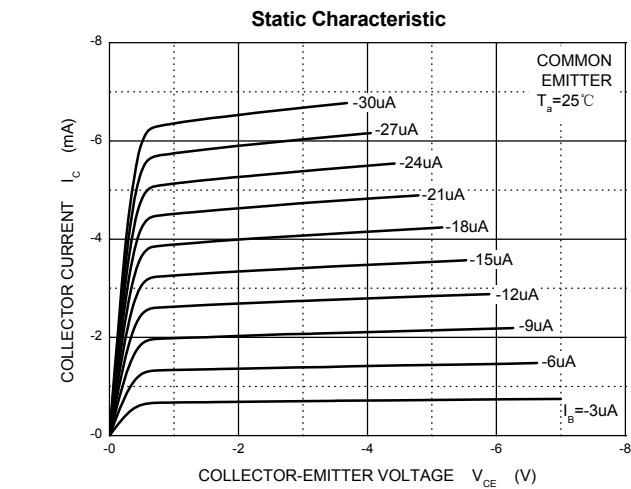


Electrical Characteristics (T_A = 25 °C unless otherwise noted)

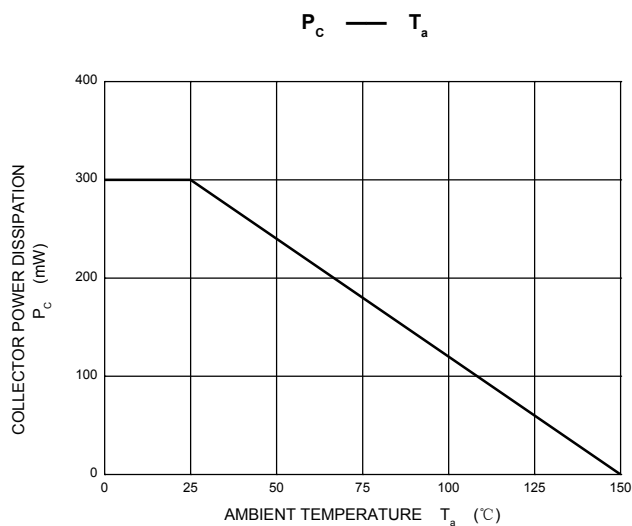
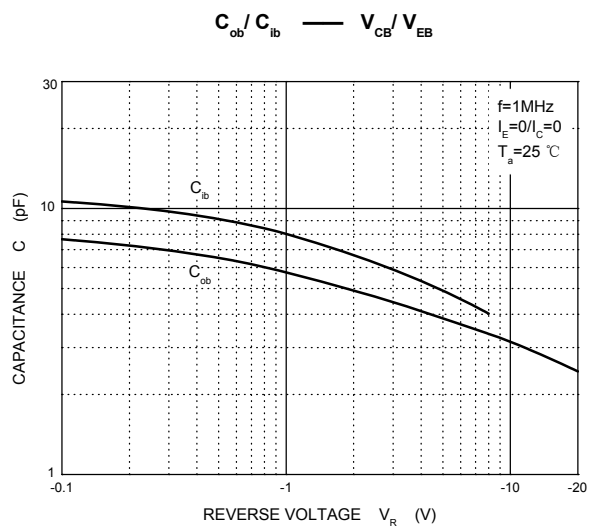
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector-Base Breakdown Voltage	V _{(BR)CBO}	I _C = -10μA, I _E =0	-50	-	-	V
Collector-Emitter Breakdown Voltage	V _{(BR)CEO}	I _C = -10mA, I _B =0	-45	-	-	V
Emitter-Base Breakdown Voltage	V _{(BR)EBO}	I _E = -10μA, I _C =0	-5	-	-	V
Collector Cutoff Current	I _{CBO}	V _{CB} =-30V, I _E =0	-	-	-15	nA
DC Current Gain	h _{FE}	V _{CE} = -5V, I _C = -2mA	125	-	630	
Collector-Emitter Saturation Voltage	V _{CE(SAT)1}	I _C =-10mA, I _B =-0.5mA	-	-	-0.3	V
	V _{CE(SAT)2}	I _C =-100mA, I _B =-5mA	-	-	-0.65	
Base-Emitter Voltage	V _{BE(1)}	V _{CE} = -5V, I _C = -2mA	-0.6	-	-0.75	V
	V _{BE(2)}	V _{CE} = -5V, I _C = -10mA	-	-	-0.82	
Transition Frequency	f _T	V _{CE} = -5 V, I _C = -10mA f=100MHz	-	200	-	MHz
Collector Output Capacitance	C _{ob}	V _{CB} =-10V, f=1MHz	-	3.5	-	pF
Noise Figure	NF	V _{CE} =-5V, I _C =-0.2mA, f=1kHz, R _S =2kΩ, BW=200Hz	-	2.5	-	dB

Typical Characteristics Curves

($T_a = 25^\circ\text{C}$ unless otherwise noted)

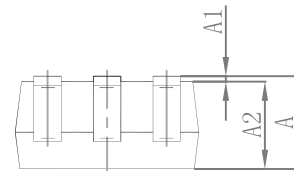
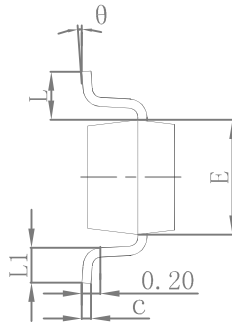
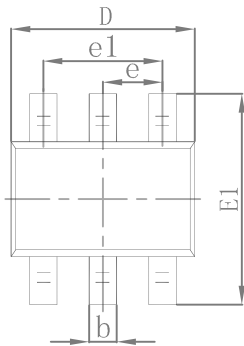


Characteristics Curves ($T_A = 25^\circ\text{C}$ unless otherwise noted)



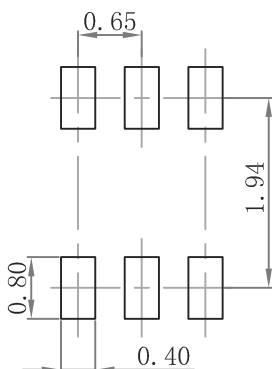
Package Outline Dimensions

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Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	0.900	1.100	0.035	0.043
A1	0.000	0.100	0.000	0.004
A2	0.900	1.000	0.035	0.039
b	0.150	0.350	0.006	0.014
c	0.100	0.150	0.004	0.006
D	2.000	2.200	0.079	0.087
E	1.150	1.350	0.045	0.053
E1	2.150	2.400	0.085	0.094
e	0.650 TYP		0.026 TYP	
e1	1.200	1.400	0.047	0.055
L	0.525 REF		0.021 REF	
L1	0.260	0.460	0.010	0.018
theta	0°	8°	0°	8°

Suggested Pad Layout



Note:

1. Controlling dimension: in millimeters.
2. General tolerance: $\pm 0.05\text{mm}$.
3. The pad layout is for reference purposes only.