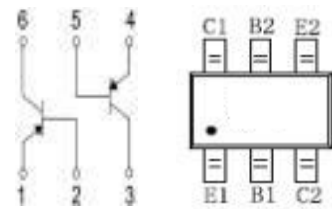
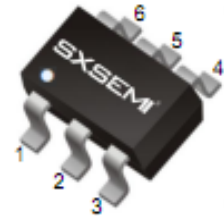


FEATURES

- Two transistors in one package
- Reduces number of components and board space
- No mutual interference between the transistors

SOT-363



MRKING :5Ft

MAXIMUM RATINGS (T_a=25℃ unless otherwise noted)

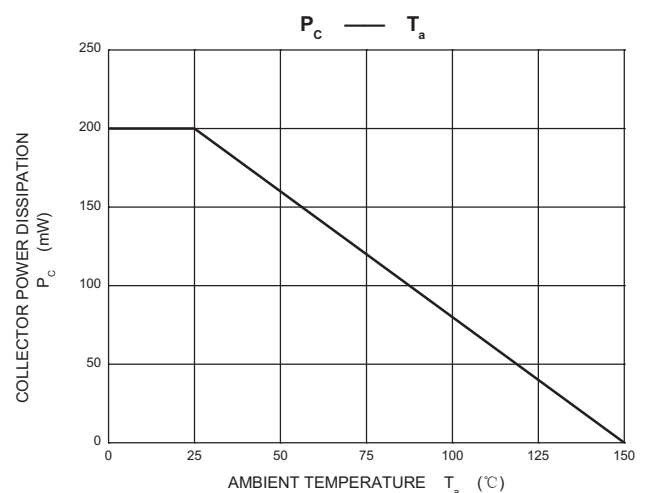
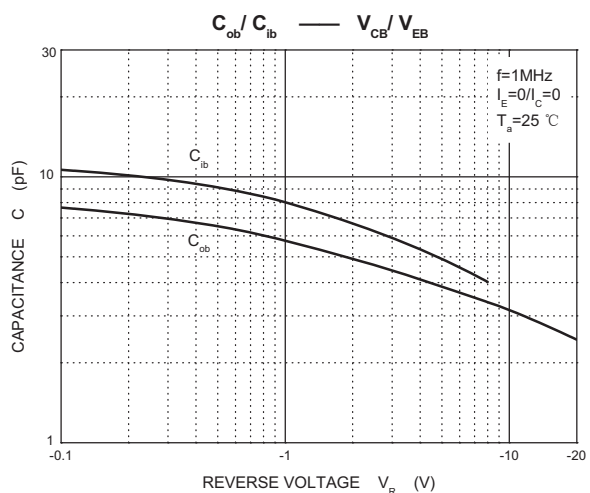
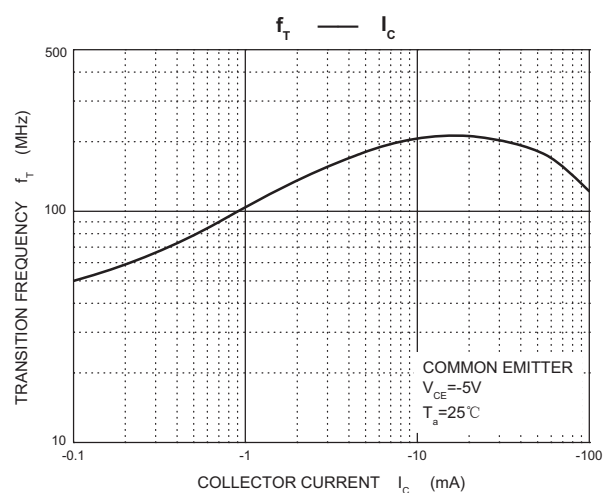
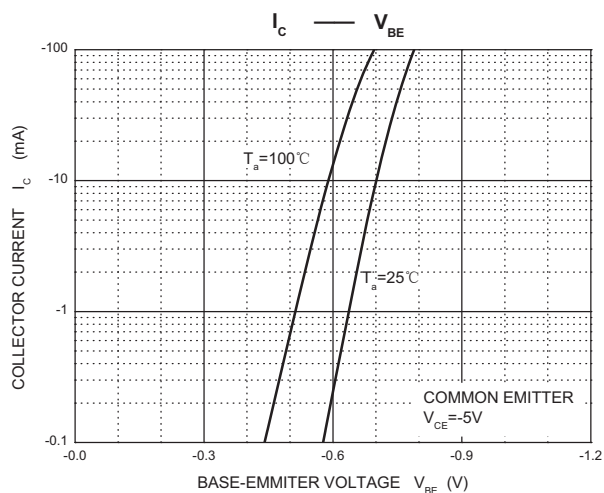
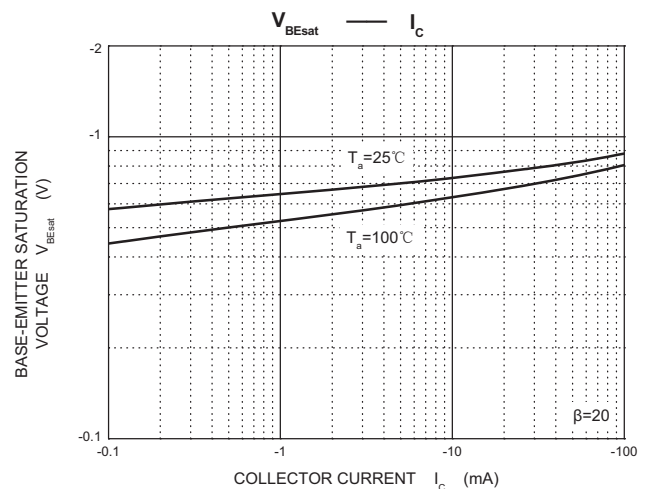
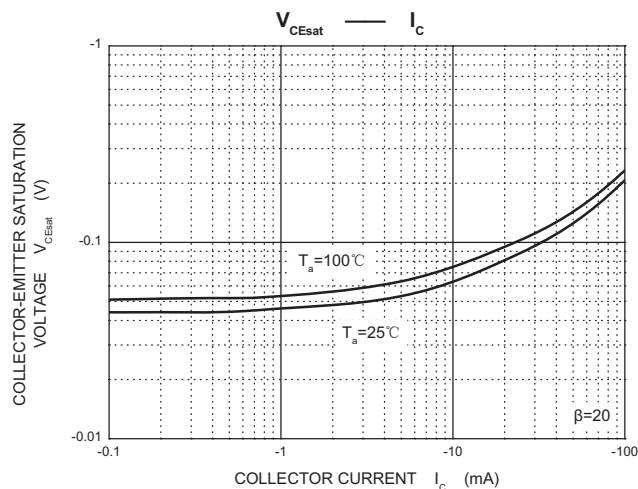
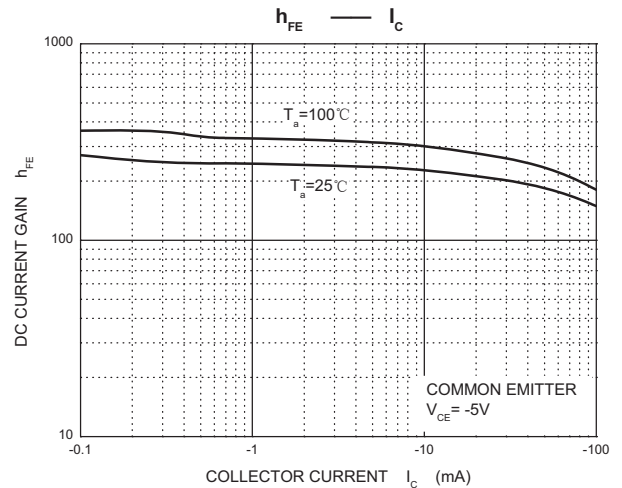
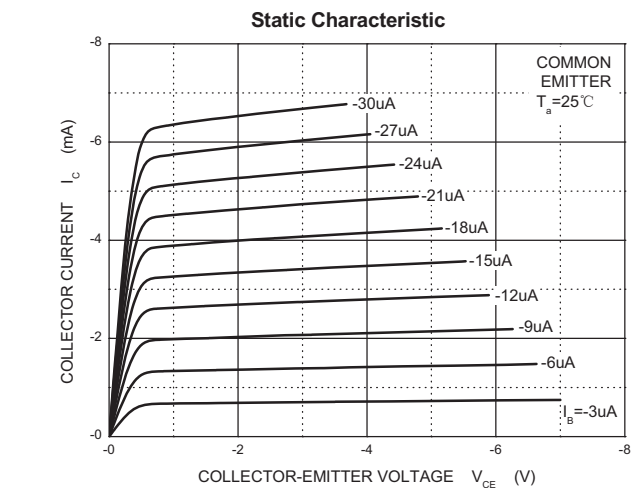
Symbol	Parameter	Value	Units
V _{CB0}	Collector- Base Voltage	-80	V
V _{CEO}	Collector-Emitter Voltage	-65	V
V _{EBO}	Emitter-Base Voltage	-5	V
I _C	Collector Current -Continuous	-0.1	A
P _C	Collector Power Dissipation	0.2	W
R _{θJA}	Thermal Resistance from Junction to Ambient	625	℃/W
T _J , T _{STG}	Operation Junction and Storage Temperature Range	-55~+150	℃

ELECTRICAL CHARACTERISTICS PNP 5401 (T_a=25℃ unless otherwise specified)

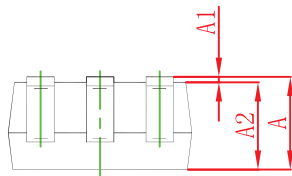
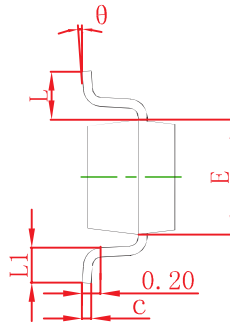
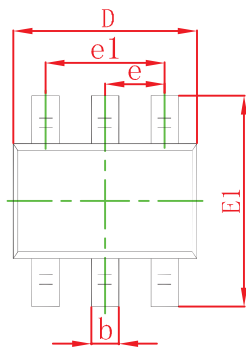
Parameter	Symbol	Test conditions	Min	Typ	Max	Unit
Collector-base breakdown Voltage	V _{(BR)CBO}	I _C =-10μA, I _E =0	-80			V
Collector-emitter breakdown Voltage	V _{(BR)CEO}	I _C =-10mA, I _B =0	-65			V
Emitter-base breakdown Voltage	V _{(BR)EBO}	I _E =-10μA, I _C =0	-5			V
Collector cut-off current	I _{CBO}	V _{CB} =-30V, I _E =0			-15	nA
Emitter cut-off current	I _{EBO}	V _{EB} =-5V, I _C =0			-100	nA
DC current gain	h _{FE}	V _{CE} =-5V, I _C =-2mA	110			
Collector-emitter saturation Voltage	V _{CE(sat)}	I _C =-10mA, I _B =-0.5mA			-0.1	V
		I _C =-100mA, I _B =-5mA *			-0.3	V
Base-emitter saturation Voltage	V _{BE(sat)}	I _C =-10mA, I _B =-0.5mA		0.7		V
Output Capacitance	C _{obo}	V _{CB} =-10V, f= 1MHz, I _E = 0			2.5	pF
Current Gain-Bandwidth Product	f _T	V _{CE} =-5V, I _C =-10mA, f= 100MHz	100			MHz

Typical Characteristics

DUAL TRANSISTOR (PNP+PNP)

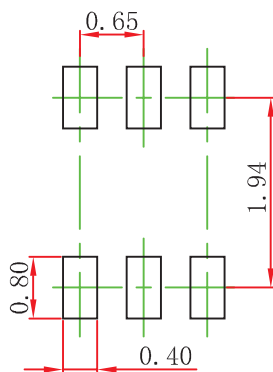


SOT-363 package Outline Dimensions



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
θ	0°	8°	0°	8°

SOT-363 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.