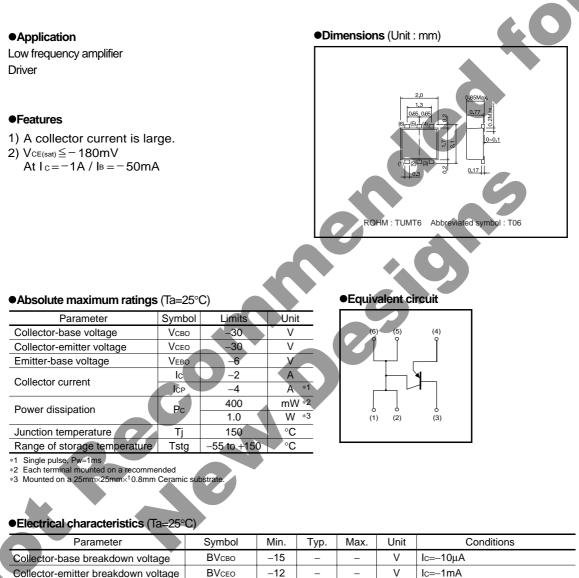
# Low frequency amplifier

## US6T6



Concercior-base breakdown vonage	BIODO	10			•	10- 10001
Collector-emitter breakdown voltage	BVCEO	-12	-	-	V	Ic=-1mA
Emitter-base breakdown voltage	ВVево	-6	-	-	V	Iε=-10μA
Collector cutoff current	Ісво	-	-	-100	nA	Vcb=-15V
Emitter cutoff current	Іево	-	-	-100	nA	Veb=-6V
Collector-emitter saturation voltage	VCE(sat)	-	-120	-180	mV	Ic=–1А, Iв=–50mА
DC current gain	hfe	270	-	680	-	Vce=-2V, Ic=-200mA*
Transition frequency	f⊤	-	360	-	MHz	Vce=-2V, Ie=200mA, f=100MHz*
Collector output capacitance	Cob	_	15	_	pF	Vcb=-10V, Ie=0A, f=1MHz
: Dulaad						

\* Pulsed

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### Transistors

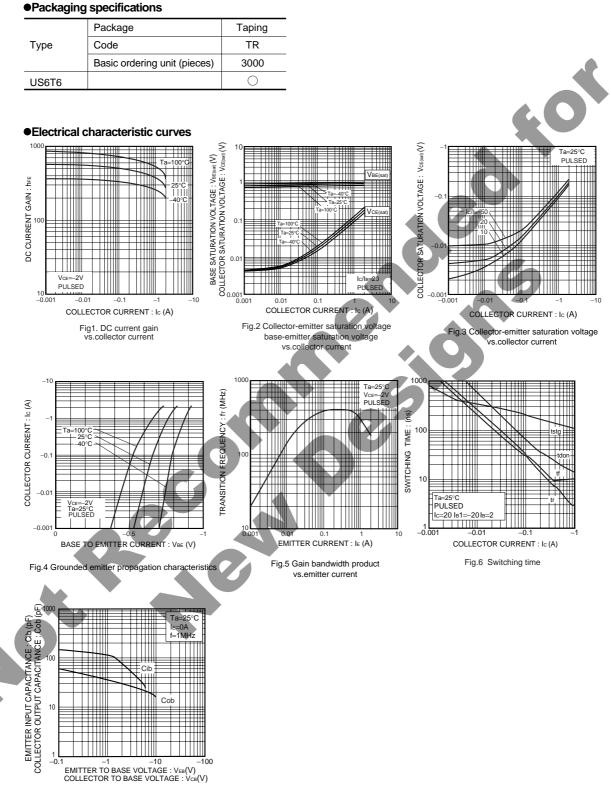


Fig7. Collector output capacitance vs.collector-base voltage Emitter input capacitance vs.emitter-base voltage

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