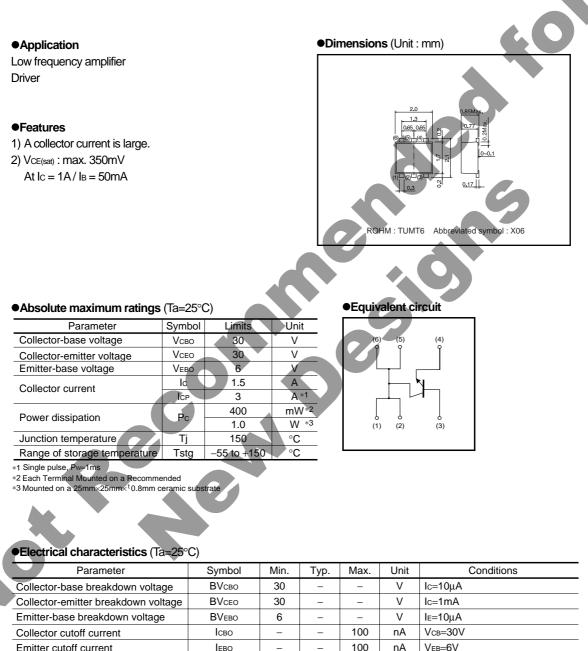
Low frequency amplifier (30V, 1.5A) US6X6



Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Collector-base breakdown voltage	ВУсво	30	-	-	V	Ic=10μA
Collector-emitter breakdown voltage	BVCEO	30	-	-	V	Ic=1mA
Emitter-base breakdown voltage	ВVево	6	-	-	V	Iε=10μA
Collector cutoff current	Ісво	-	-	100	nA	Vcb=30V
Emitter cutoff current	Іево	-	-	100	nA	Veb=6V
Collector-emitter saturation voltage	VCE(sat)	-	140	350	mV	Ic=1A, IB=50mA
DC current gain	hfe	270	-	680	-	Vce=2V, Ic=100mA*
Transition frequency	f⊤	-	300	-	MHz	Vce=2V, Ie=-100mA, f=100MHz*
Collector output capacitance	Cob	-	11	-	pF	Vcb=10V, IE=0A, f=1MHz
. Duland						

* Pulsed

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Transistors

Packaging specifications

	Package	Taping
Туре	Code	TR
	Basic ordering unit (pieces)	3000
US6X6		0

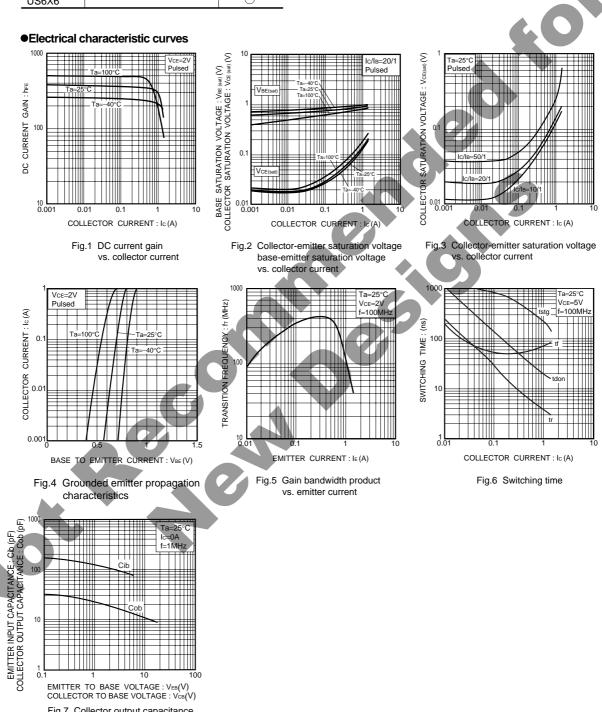


Fig.7 Collector output capacitance vs. collector-base voltage Emitter input capacitance vs. emitter-base voltage

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