



(Example)

UMZ1N	F2	Approximate 0.009g	3000	30000	120000	7" reel
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(Ta=25 Unless otherwise specified)

Collector-Base Voltage	VCBO	V	IC=50μA,IE=0	60
Collector-Emitter Voltage	VCEO	V	IC =1mA,IB=0	50
Emitter-Base Voltage	VEBO	V	IE=50μA,IC=0	7
Collector Current -Continuous	IC	mA		150
Total Device Dissipation	PC	mW		200
Junction Temperature	Tj			150
Storage Temperature	TSTG			-55 to +150

(Ta=25 unless otherwise specified)

Collector-base breakdown voltage	VCBO	V	IC=50μA,IE=0	60
Collector-emitter breakdown voltage	VCEO	V	IC =1mA,IB=0	50
Emitter-base breakdown voltage	VEBO	V	IE=50μA,IC=0	7
Collector cut-off current	ICBO	nA	VCB=60V,IB=0	100
Collector cut-off current	IEBO	nA	VEB=7V, IC=0	100
DC current gain	hFE		VCE=6V,IC=1mA	120
Collector-emitter saturation voltage	VCE(sat)	V	IC=50mA,IB=5mA	0.4
Transition frequency	fT	MHz	VCE=12V,IC=-2mA,f=100MHz	180
Output capacitance	Cob	pF	VCB=12V,IE=0A,f=1MHz	3.5



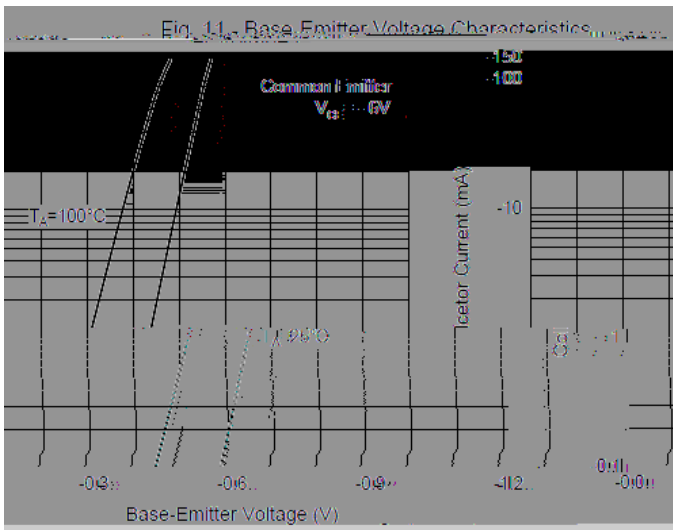
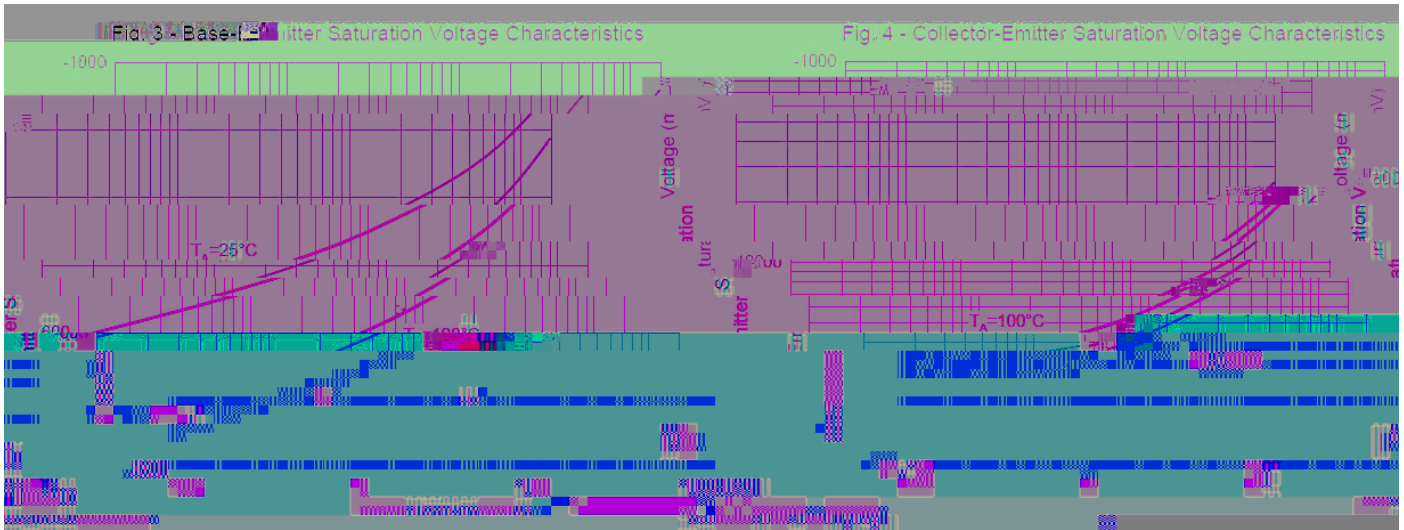
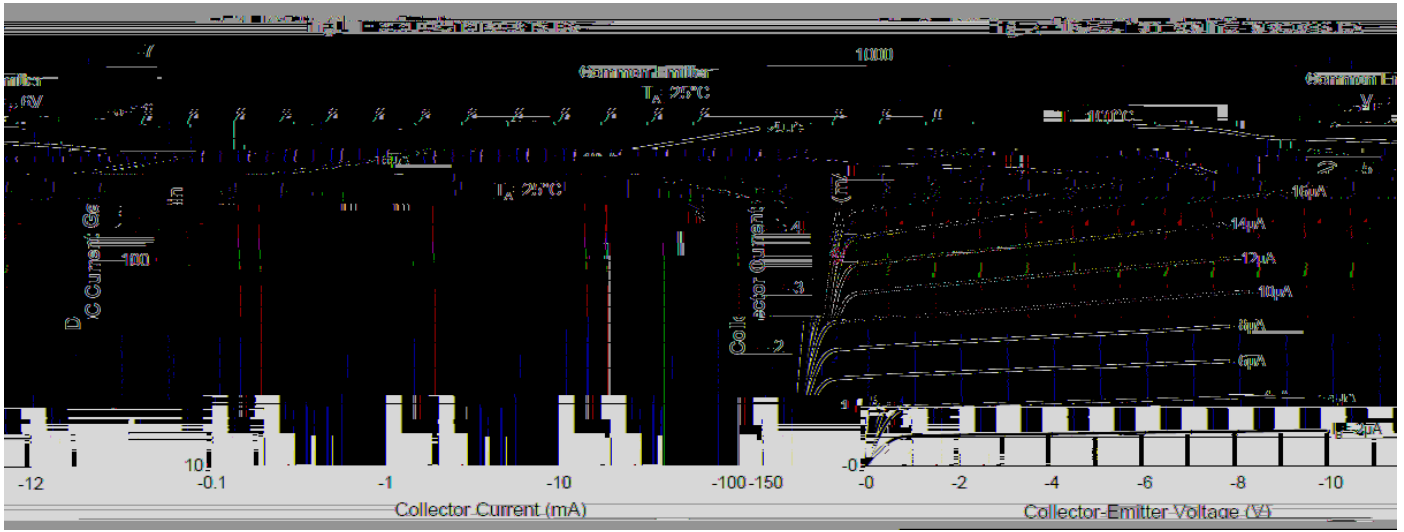
(Ta=25 Unless otherwise specified)

Collector-Base Voltage	VCBO	V	IC=-50μA,IE=0	-60
Collector-Emitter Voltage	VCEO	V	IC =-1mA,IB=0	-50
Emitter-Base Voltage	VEBO	V	IE=-50μA,IC=0	-6
Collector Current	IC	mA		-150
Total Device Dissipation	PC	mW		200
Junction Temperature	Tj			150
Storage Temperature	TSTG			-55 to +150

(Ta=25 unless otherwise specified)



(Typical)





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