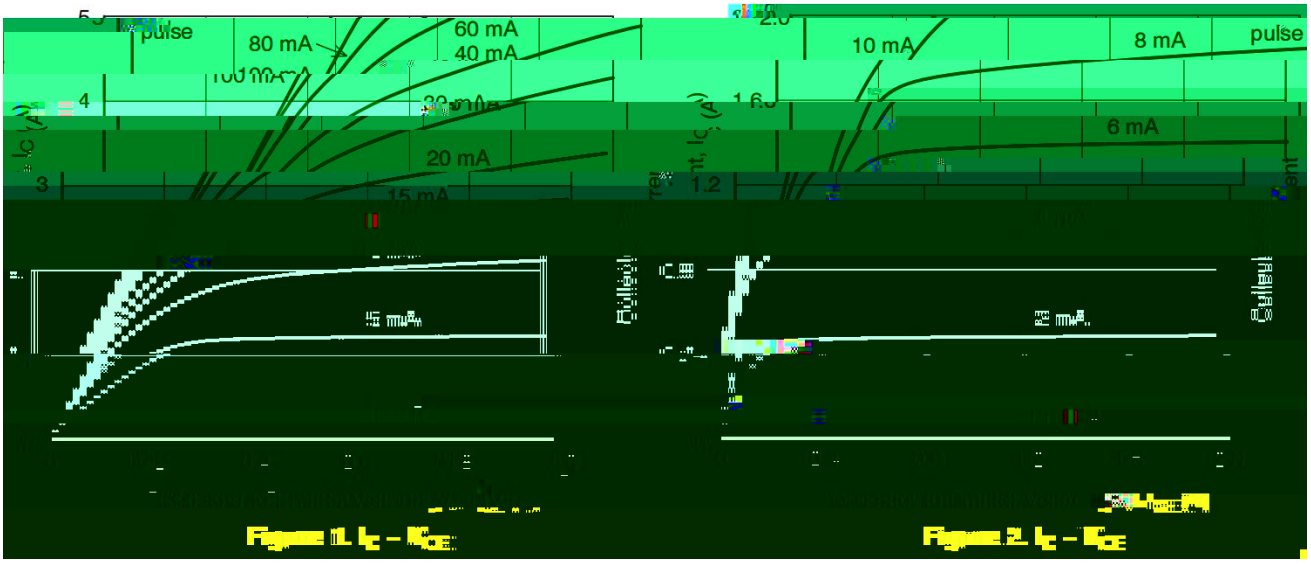
- Case:SOT-89
- Epoxy meets UL-94 V-0 flammability rating and halogen free
- Moisture Sensitivity Level 3
- High temperature soldering guaranteed 260'C/10seconds at terminals

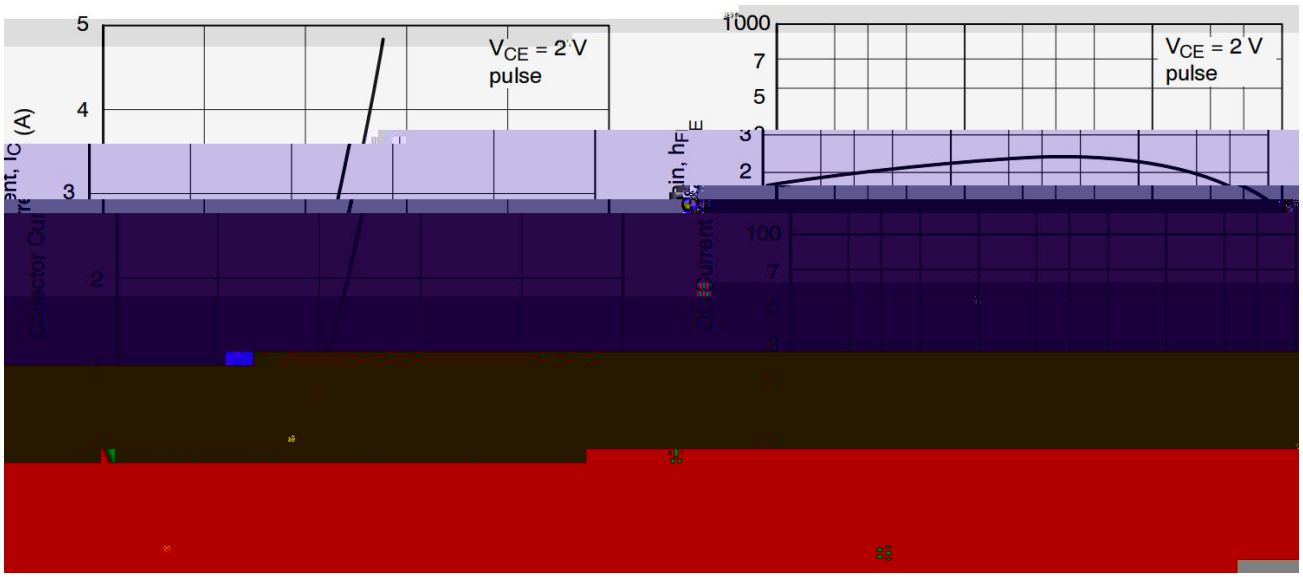
Collector-Base Voltage	60
Collector-Emitter Voltage	20
Emitter-Base Voltage	6
Collector Current	5
Collector Current (Pulse)	8
Collector Dissipation (Note 1)	500 1.5
Junction Temperature	150
Storage Temperature	-55 to WJV

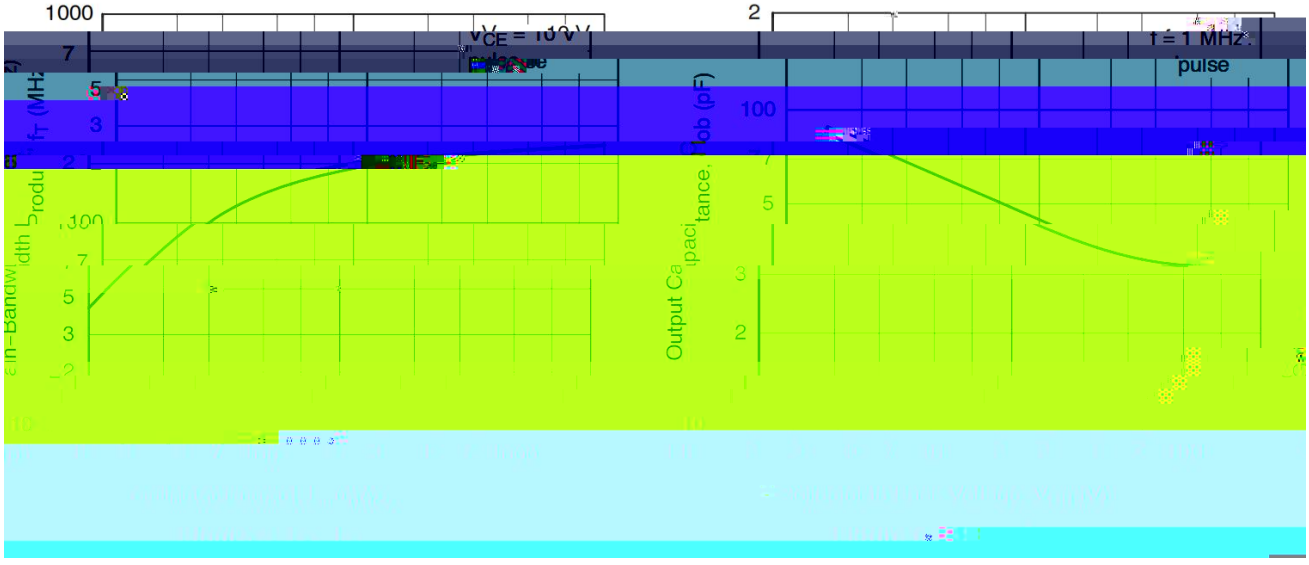
Collector Cutoff Current	V_{CB} = 50 V, I_E = 0 A		-	-	100	
Emitter Cutoff Current	V_{EB} = 5 V, I_C = 0 A		-	-	100	
DC Current Gain	V_{CE} = 2 V, I_C = 0.5 A		120	-	560	
	V_{CE} = 2 V, I_C = 3 A		95	-	-	
Gain−Bandwidth Product	V_{CE} = 10 V, I_C = 50 mA		-	120	-	
Output Capacitance	V_{CB} = 10 V, f = 1 MHz		-	45	-	
Collector to Emitter Saturation Voltage	I_C = 3 A, I_B = 60 mA		-	-	0.5	
Base to Emitter Saturation Voltage	I_C = 3 A, I_B = 60 mA		-	-	1.5	
Turn−On Time	See specified Test Circuit		-	30	-	
Storage Time			-	300	-	
Fall Time			-	40	-	

Product parametric performance is indicated in the Electrical Characteristics for the listed test conditions, unless otherwise noted. Product perform ance may not be indicated by the Electrical Characteristics if operated under different conditions.

RANGE	120-200	160-320	280-560
MARKING	DKE*	DKF*	DKG*


pulse
80 mA
60 mA
40 mA
30 mA
20 mA
15 mA
10 mA
8 mA
6 mA
pulse


V_{CE} = 2 V
pulse
V_{CE} = 2 V
pulse


f = 1 MHz
pulse
