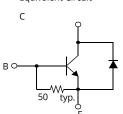


### KSC5802D

High Voltage Color Display Horizontal Equivalent Circuit **Deflection Output** 

(Built In Damper Diode)

- •High Breakdown Voltage BVCBO=1500V
- •High Speed Switching : tF=0.1μs (Typ.) •Wide S.O.A
- •For C-Monitor(69KHz)





# NPN Triple Diffused Planar Silicon Transistor

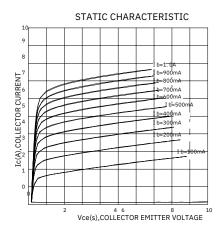
Absolute Maximum Ratings TC=25°C unless otherwise noted

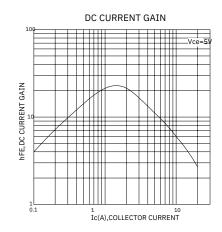
Symbol	Collector-Base Voltage Parameter	Value	Units
<b>К</b> во	Collector-Emitter Voltage	1500	V
V <sub>CEO</sub>	Emitter-Base Voltage	800	V
V EBO	Collector Current (DC)	6	V
C	Collector Current (Pulse)	10	A
CP	Collector Dissipation (TC=25°C)	30	A
<del>-</del> ¢	Junction Temperature	60 150	W
<del>-</del>	Storage Temperature	- 55 ~ 150	ر و
STG		55 150	Q.

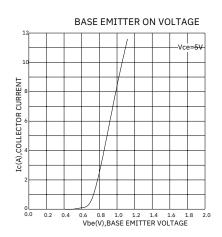
Electrical Characteristics unless otherwise noted

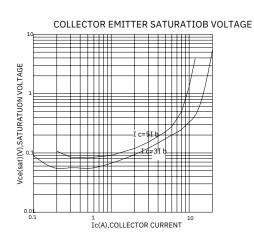
Symbol	Collector Cut-off Current	Test Condition	Min.	Тур.	Max.	U nit s
I <sub>CES</sub>	Collector Cut-off Current	VCE = 1400V, VBE=0			1	m
I <sub>CBO</sub>	Emitter Cut-off Current	VCB = 800V, IE = 0			10	Α
T <sub>EBO</sub>	DC Current Gain	VEB = 4V, IC = 0	5		250	μΑ
hE1 hE2 V CE (sat) VBE (sat)	Collector-Emitter Saturation Voltage Base-Emitter Saturation Voltage Fall Time	VCE = 5V, IC = 1A VCE = 5V, IC = 6A IC = 6A, IB = 1.5A IC = 6A, IB = 1.5A VCC = 200V, IC = 6A IB1 = 1.2A, IB2 = - 2.4A RL = 33.3Ω	0 1 5 7	0.1	40 11. 5 3 1.5 0.3	m A V V μs

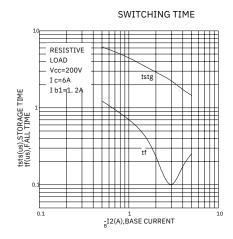
### **Typical Characteristics**

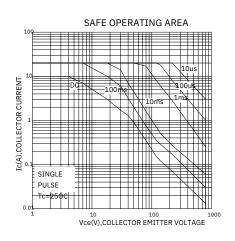






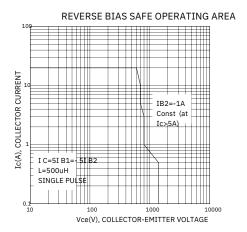


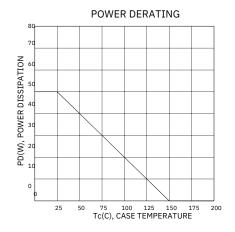




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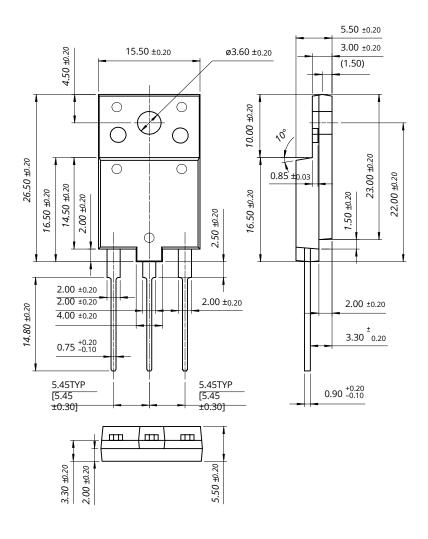
### Typical Characteristics (continued)





# Package Dimensions

TO-3PF



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