

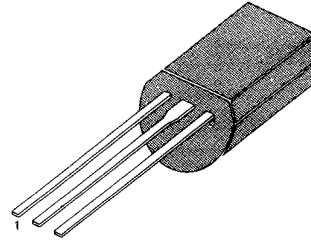
CRT DISPLAY, VIDEO OUTPUT

- High Voltage
- Low Reverse Transfer Capacitance: $C_{RE} = 1.7\text{pF}$

ABSOLUTE MAXIMUM RATINGS ($T_A = 25^\circ\text{C}$)

Characteristic	Symbol	Rating	Unit
Collector-Base Voltage	V_{CBO}	-200	V
Collector-Emitter Voltage	V_{CEO}	-200	V
Emitter-Base Voltage	V_{EBO}	-5	V
Collector Current	$I_C(\text{DC})$	-100	mA
Collector Current	$I_C(\text{Pulse})$	-200	mA
Collector Dissipation	P_C	1.0	W
Junction Temperature	T_J	150	$^\circ\text{C}$
Storage Temperature	T_{STG}	-55 ~ 150	$^\circ\text{C}$

TO-92L



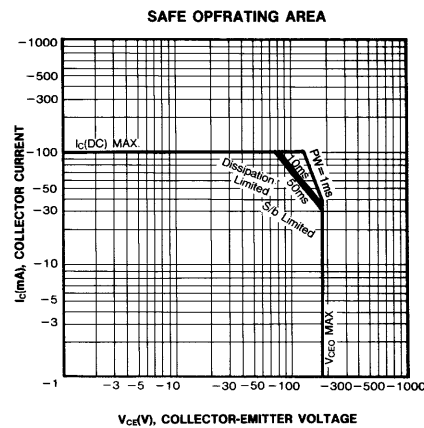
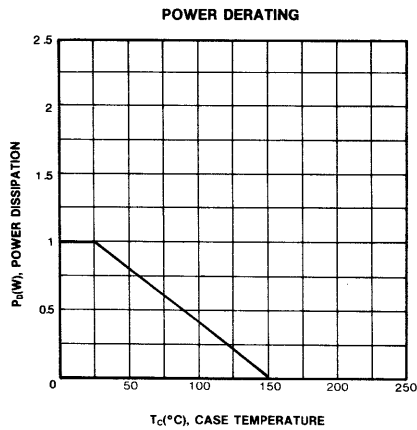
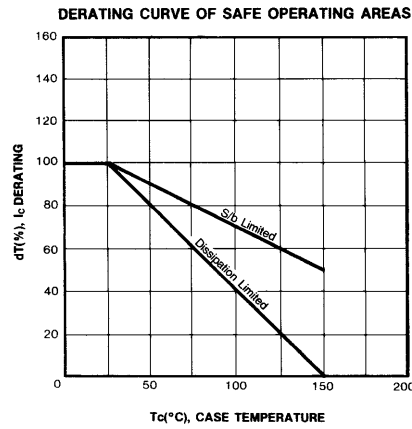
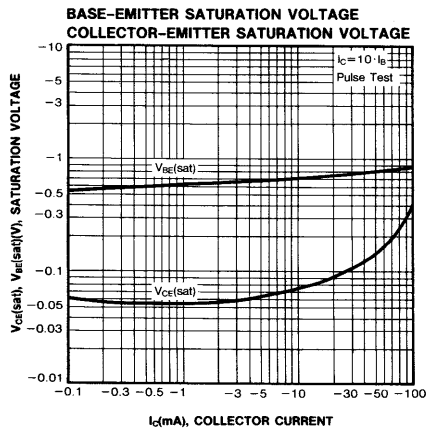
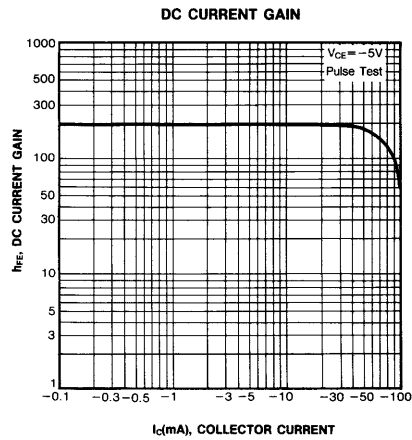
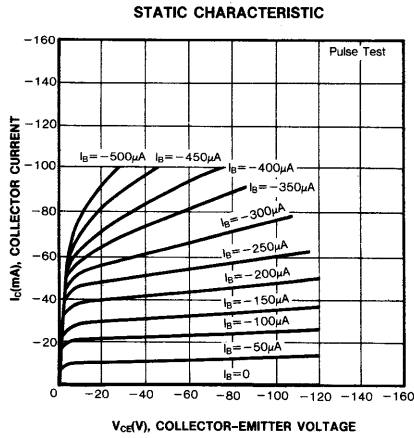
1. Emitter 2. Collector 3. Base

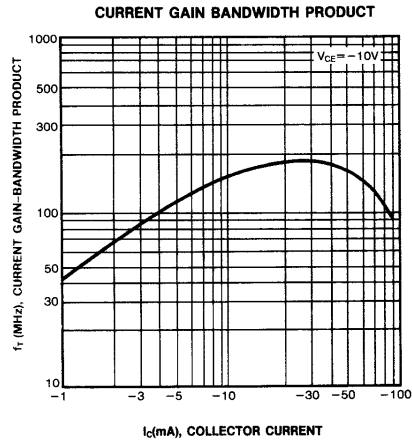
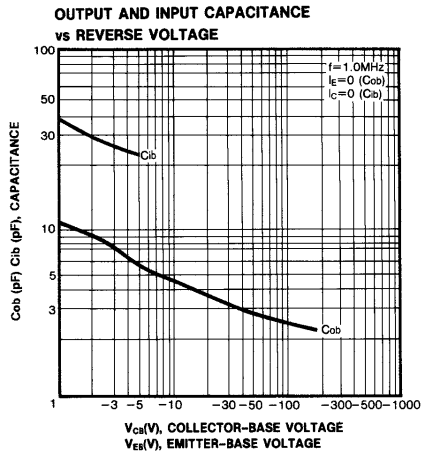
ELECTRICAL CHARACTERISTICS ($T_A = 25^\circ\text{C}$)

Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Collector-Base Breakdown Voltage	BV_{CBO}	$I_C = -10\mu\text{A}, I_E = 0$	-200			V
Collector-Emitter Breakdown Voltage	BV_{CEO}	$I_C = -1\text{mA}, I_B = 0$	-200			V
Emitter-Base Breakdown Voltage	BV_{EBO}	$I_E = -10\mu\text{A}, I_C = 0$	-5			V
Collector Cut-off Current	I_{CBO}	$V_{CB} = -150\text{V}, I_E = 0$			-0.1	μA
Emitter Cut-off Current	I_{EBO}	$V_{EB} = -4\text{V}, I_C = 0$			-0.1	μA
DC Current Gain	h_{FE}	$V_{CE} = -10\text{V}, I_C = -10\text{mA}$	40		320	
Collector-Emitter Saturation Voltage	$V_{CE}(\text{sat})$	$I_C = -20\text{mA}, I_B = -2\text{mA}$			-0.6	V
Base-Emitter Saturation Voltage	$V_{BE}(\text{on})$	$I_C = -20\text{mA}, I_B = -2\text{mA}$			-1.0	V
Current-Gain-Bandwidth Product	f_T	$V_{CE} = -30\text{V}, I_C = -10\text{mA}$		150		MHz
Output Capacitance	C_{OB}	$V_{CB} = -30\text{V}, f = 1\text{MHz}$		2.6		pF
Reverse Transfer Capacitance	C_{RE}	$V_{CB} = -30\text{V}, f = 1\text{MHz}$		1.7		pF

 h_{FE} CLASSIFICATION

Classification	D	E	F
h_{FE}	60~120	100~200	160~320





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KSA1370
PNP Epitaxial Silicon Transistor

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Features

Crt Display, Video Output

- High Voltage
- Low Reverse Transfer Capacitance : C_{re} = 1.7pF

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[Product status/pricing/packaging](#)

Product	Product status	Pricing*	Package type	Leads	Packing method
KSA1370EBU	Full Production	\$0.065	TO-92	3	BULK

* 1,000 piece Budgetary Pricing

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