/ Descriptions

Silicon PNP transistor in a TO-92 Plastic Package.

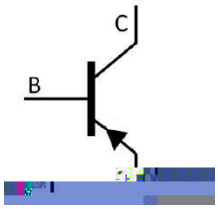
/ Features

High voltage low saturation, low collector output capacitance, complementary pair with MPSA42.

/ Applications

High voltage control circuit.

/ Equivalent Circuit



/ Pinning



PIN1 Collector PIN 2 Base PIN 3 Emitter

/ hFE Classifications & Marking

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-300	V
Collector to Emitter Voltage	V_{CEO}	-300	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-500	mA
Base Current - Continuous	I_B	-30	mA
Collector Power Dissipation	P_C	625	mW
Collector Power Dissipation	$P_c(T_c=25$)	1.5	W
Junction Temperature	T_j	150	
	T_{stg}	-55 150	

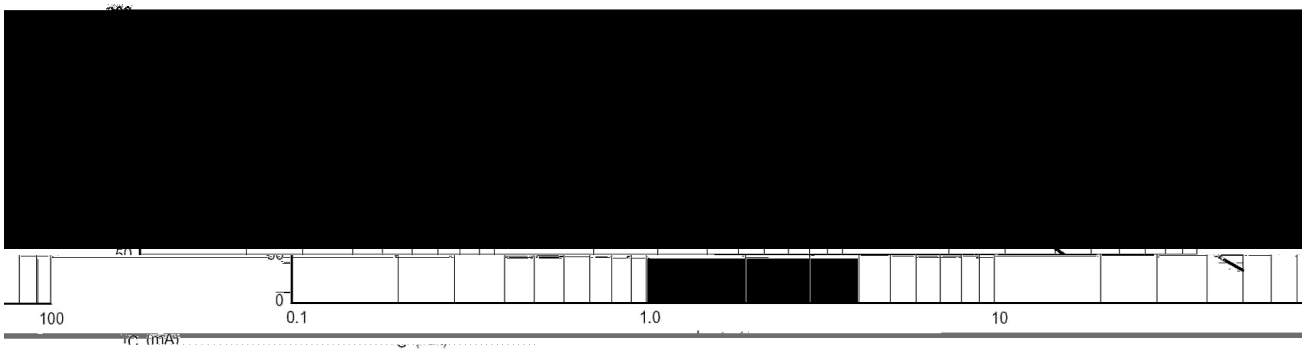
[redacted]

	est Conditions	Min	Typ	Max	Unit
	0μA I_E=0	-300			V
	0mA I_B=0	-300			V
	0μA I_C=0	-5.0			V
	200V I_E=0			-0.25	μA
	.0V I_C=0			-0.1	μA
	.0V I_C=-10mA	40			
	.0V I_C=-30mA	25			
	.0V I_C=-1.0mA	25			

[redacted]

/ Electrical Characteristic Curve

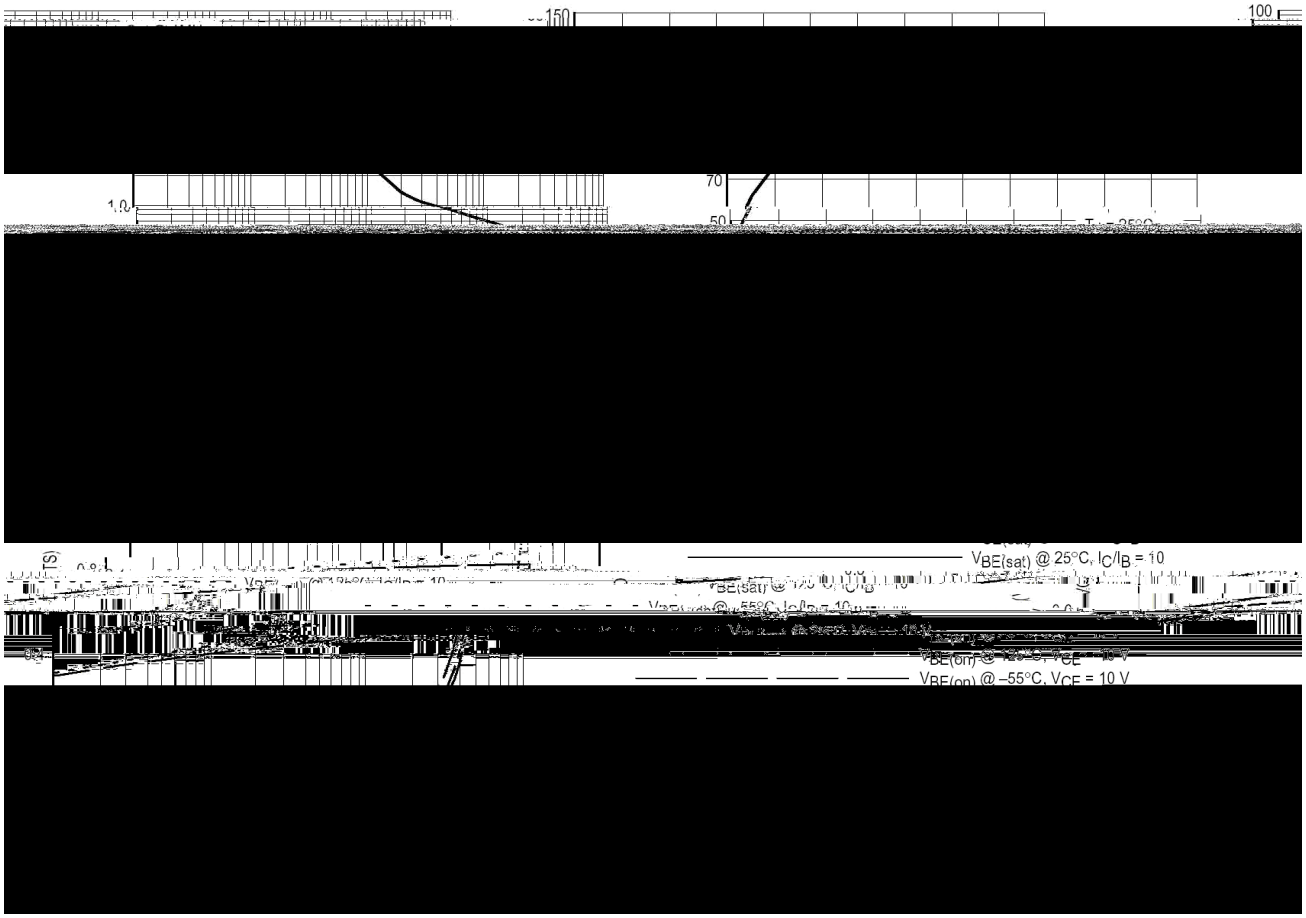
hFE – Ic



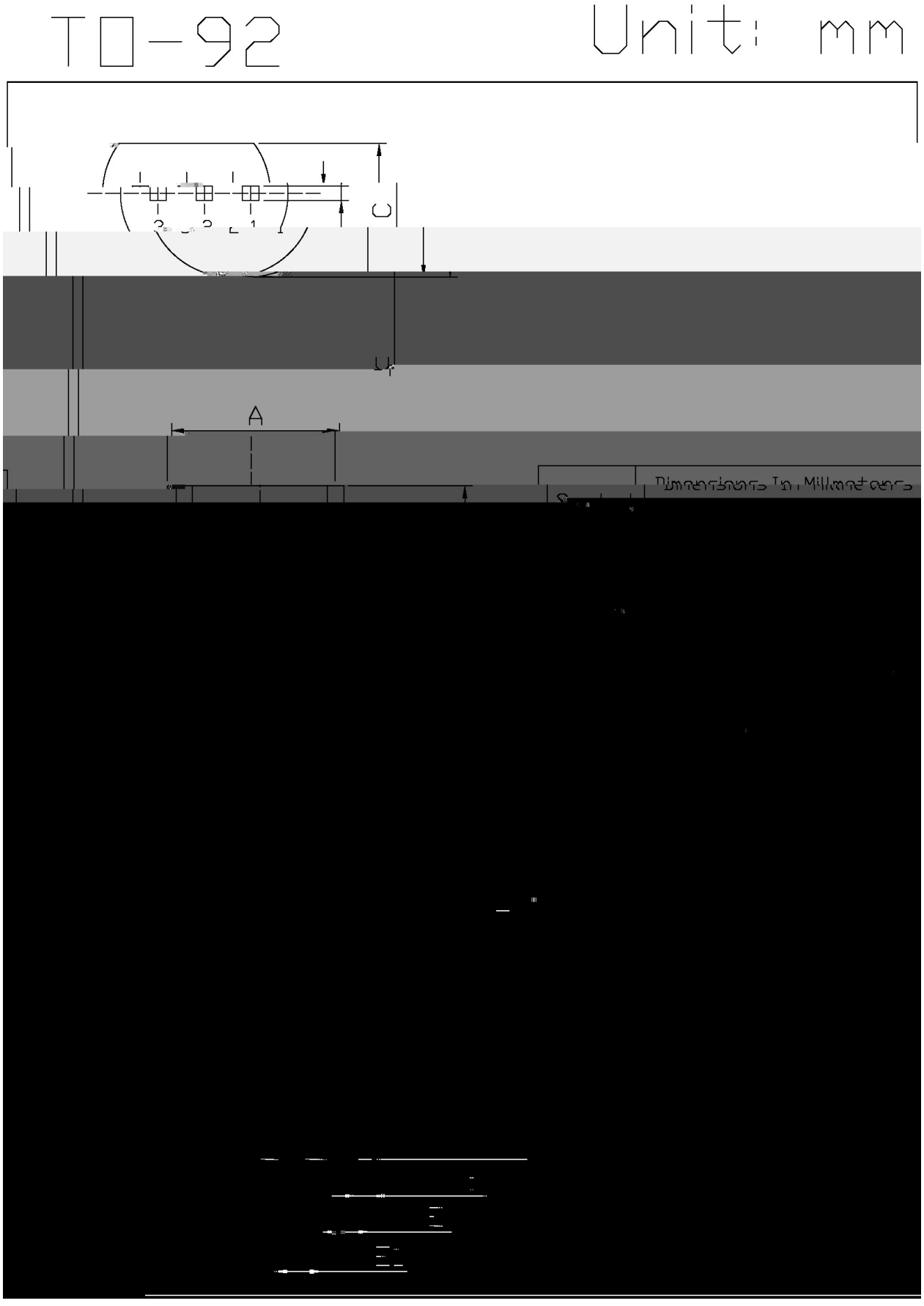
Cob – VCB

Cib – VCB

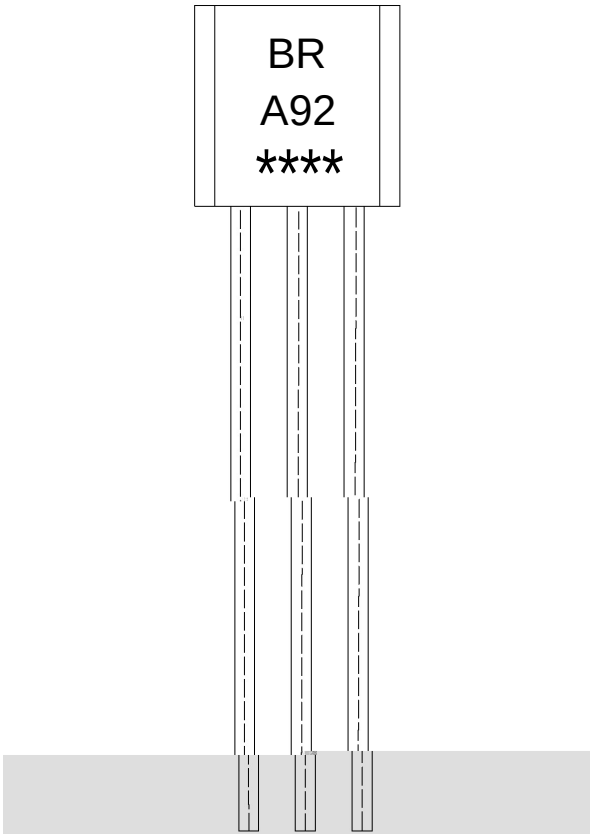
fT – Ic



/ Package Dimensions



/ Marking Instructions



Note:

BR:	Company Code.
A92:	Product Type.
****:	Lot No. Code,code change with Lot No.