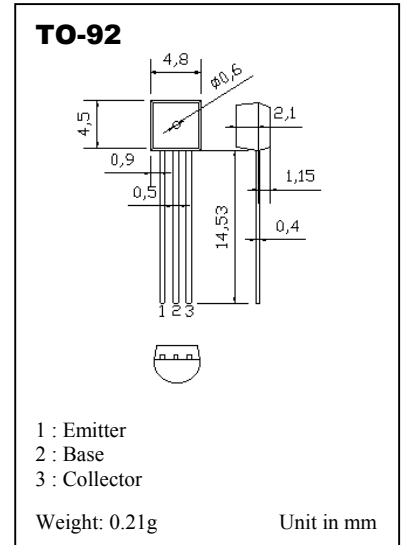


PNP PLASTIC ENCAPSULATE TRANSISTOR

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

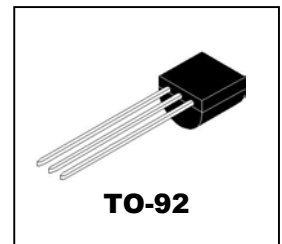
Characteristic	Symbol	Value	Unit
Collector Base Voltage	V_{CB0}	-160	V
Collector Emitter Voltage	V_{CE0}	-150	V
Emitter Base Voltage	V_{EB0}	-5	V
Collector Current	I_C	-0.6	A
Power Dissipation	P_C	0.625	W
Operation and Storage Junction Temperature Range	T_j, T_{stg}	-55 ~ 150	$^\circ\text{C}$



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

Characteristic	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Collector Cutoff Current	I_{CBO}	$V_{CB}=-120V, I_E=0$	-	-	-0.1	μA
Emitter Cutoff Current	I_{EBO}	$V_{EB}=-4V, I_C=0$	-	-	-0.1	μA
Collector Base Breakdown Voltage	$V_{(BR)CBO}$	$I_C=-100\mu\text{A}, I_E=0$	-160	-	-	V
Collector Emitter Breakdown Voltage	$V_{(BR)CEO}$	$I_C=-1\text{mA}, I_B=0$	-150	-	-	V
Emitter Base Breakdown Voltage	$V_{(BR)EBO}$	$I_E=-10\mu\text{A}, I_C=0$	-5	-	-	V
DC Current Gain	$h_{FE(1)}$	$V_{CE}=-5V, I_C=-1\text{mA}$	80	-	-	-
	$h_{FE(2)}$	$V_{CE}=-5V, I_C=-10\text{mA}$	80	-	250	-
	$h_{FE(3)}$	$V_{CE}=-5V, I_C=-50\text{mA}$	50	-	-	-
Collector Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C=-50\text{mA}, I_B=-5\text{mA}$	-	-	-0.5	V
Base Emitter Saturation Voltage	$V_{BE(sat)}$	$I_C=-50\text{mA}, I_B=-5\text{mA}$	-	-	-1	V
Transition Frequency	f_T	$V_{CE}=-5V, I_C=-10\text{mA}$ $f=30\text{MHz}$	100	-	300	MHz

PNP PLASTIC ENCAPSULATE AMPLIFIER



CLASSIFICATION OF $h_{FE(2)}$

Rank	A	B	C
Range	80 to 160	120 to 180	150 to 250

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