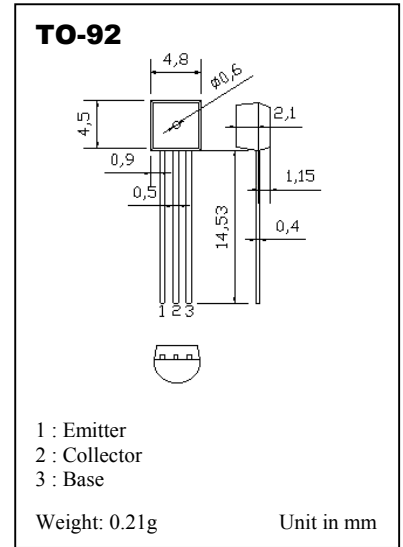


PNP PLASTIC ENCAPSULATE TRANSISTOR

MAXIMUM RATINGS (T_a = 25 °C)

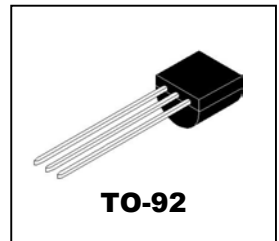
Characteristic	Symbol	Value	Unit
Collector Base Voltage	V _{CBO}	-100	V
Collector Emitter Voltage	V _{CEO}	-80	V
Emitter Base Voltage	V _{EBO}	-5	V
Collector Current	I _C	-1	A
Power Dissipation	P _C	0.83	W
Operation and Storage Junction Temperature Range	T _j , T _{stg}	-55 ~ 150	°C



ELECTRICAL CHARACTERISTICS (T_a = 25 °C)

Characteristic	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Collector Cutoff Current	I _{CBO}	V _{CB} =-30V, I _E =0	-	-	-0.1	μA
Emitter Cutoff Current	I _{EBO}	V _{EB} =-5V, I _C =0	-	-	-0.1	μA
Collector Base Breakdown Voltage	V _{(BR)CBO}	I _C =-100μA, I _E =0	-100	-	-	V
Collector Emitter Breakdown Voltage	V _{(BR)CEO}	I _B =0, I _C =-1mA	-80	-	-	V
Emitter Base Breakdown Voltage	V _{(BR)EBO}	I _C =0, I _E =-100μA	-5	-	-	V
DC Current Gain	h _{FE(1)}	V _{CE} =-2V, I _C =-5mA	40	-	-	-
	h _{FE(2)}	V _{CE} =-2V, I _C =-150mA	63	-	250	-
Collector Emitter Saturation Voltage	V _{CE(sat)}	I _B =-50mA, I _C =-500mA	-	-	-0.5	V
Base Emitter Voltage	V _{BE}	V _{CE} =-2V, I _C =-500mA	-	-	-1	V
Transition Frequency	f _T	V _{CE} =-5V, I _C =-50mA	-	100	-	MHz

PNP PLASTIC ENCAPSULATE AMPLIFIER



CLASSIFICATIONS OF h_{FE(2)}

Rank	A	B
Range	63 to 160	100 to 250

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