

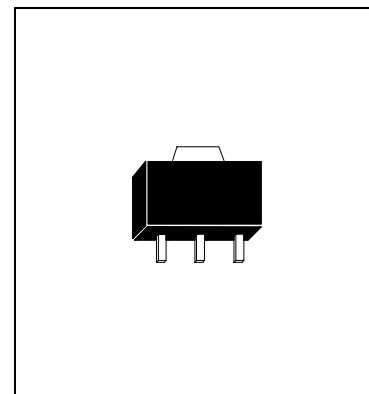


HM92

PNP EPITAXIAL PLANAR TRANSISTOR

Description

The HM92 is designed for application as a video output to drive color CRT, or as a dialer circuit in electronics telephone.



Absolute Maximum Ratings

- Maximum Temperatures
Storage Temperature -55 ~ +150 °C
Junction Temperature +150°C Maximum
- Maximum Power Dissipation
Total Power Dissipation (Ta=25°C) 1 W
- Maximum Voltages and Currents (Ta=25°C)
VCBO Collector to Base Voltage -300 V
VCEO Collector to Emitter Voltage -300 V
VEBO Emitter to Base Voltage -5 V
IC Collector Current -500 mA

Characteristics (Ta=25°C)

Symbol	Min.	Typ.	Max.	Unit	Test Conditions
BVCBO	-300	-	-	V	IC=-100uA, IE=0
BVCEO	-300	-	-	V	IC=-1mA, IB=0
BVEBO	-5	-	-	V	IE=-10uA, IC=0
ICBO	-	-	-250	nA	VCB=-200V, IE=0
IEBO	-	-	-100	nA	VEB=-3V, IC=0
*VCE(sat)	-	-	-500	mV	IC=-20mA, IB=-2mA
*VBE(sat)	-	-	-900	mV	IC=-20mA, IB=-2mA
*hFE1	25	-	-		VCE=-10V, IC=-1mA
*hFE2	40	-	-		VCE=-10V, IC=-10mA
*hFE3	25	-	-		VCE=-10V, IC=-30mA
fT	50	-	-	MHz	VCE=-20V, IC=-10mA, f=100MHz
Cob	-	-	6	pF	VCB=-20V, IE=0

*Pulse Test : Pulse Width ≤380us, Duty Cycle≤2%



Characteristics Curve

