



Micro Commercial Components



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KTA1270-O KTA1270-Y

Features

- Halogen free available upon request by adding suffix "-HF"
- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Marking:Type number

PNP Plastic-Encapsulate Transistors

Maximum Ratings

Symbol	Rating	Rating	Unit
V _{CBO}	Collector-Base Voltage	-35	V
V _{CEO}	Collector-Emmitter Voltage	-30	V
V _{EBO}	Emitter-Base Voltage	-5	V
I _C	Collector Current –Continuous	-0.5	A
P _C	Collector Power Dissipation	500	mW
T _J	Junction Temperature	150	°C
T _{stg}	Storage Temperature	-55-150	°C

Electrical Characteristics @ 25°C Unless Otherwise Specified

Symbol	Parameter	Min	Typ	Max	Units
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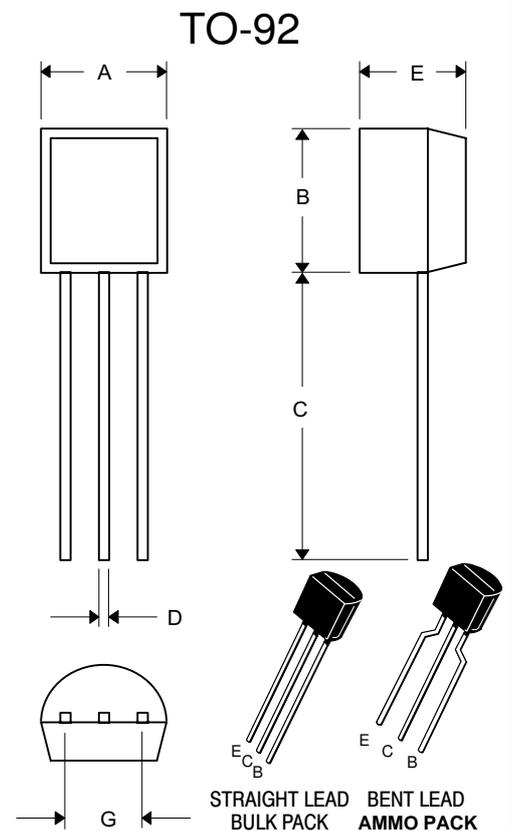
OFF CHARACTERISTICS

V _{(BR)CEO}	Collector-Emmitter Breakdown Voltage* (I _C =-1.0mA, I _B =0)	-30			Vdc
V _{(BR)CBO}	Collector-Base Breakdown Voltage (I _C =-100µA, I _E =0)	-35			Vdc
V _{(BR)EBO}	Emitter-Base Breakdown Voltage (I _E =-100µA, I _C =0)	-5.0			Vdc
I _{CBO}	Collector-Base Cutoff Current (V _{CB} =-35Vdc, I _E =0)	---	-0.1		µA
I _{EBO}	Emitter-Base Cutoff Current (V _{EB} =-5.0Vdc, I _C =0)	---	-0.1		µA

ON CHARACTERISTICS

h _{FE}	DC Current gain ⁽¹⁾ (I _C =-100mA, V _{CE} =-1.0Vdc) (I _C =-400mA, V _{CE} =-6.0Vdc)	70 25	---	240 ---	---
V _{CE(sat)}	Collector-Emmitter Saturation Voltage (I _C =-100mA, I _B =-10mA)	---	---	-0.25	Vdc
V _{BE(on)}	Base-Emmitter Voltage (I _C =-100mA, V _{CE} =-1Vdc)	---	---	-1.0	Vdc
f _T	Transistor Frequency (V _{CE} =-6Vdc, I _C =-20mA, F=100MHz)	---	200	---	MHz
C _{ob}	Collector output capacitance (V _{CE} =-6Vdc, I _E =0, F=1MHz)	---	13	---	pF

(1) h_{FE} Classification O: 70-140, Y: 120-240



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.175	.185	4.45	4.70	
B	.175	.185	4.45	4.70	
C	.500	---	12.70	---	
D	.016	.020	0.41	0.63	
E	.135	.145	3.43	3.68	
G	.095	.105	2.42	2.67	Straight Lead Bent Lead
	.173	.220	4.40	5.60	

* For ammo packing detailed specification, click here to visit our website of product packaging for details.



TM

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Ordering Information :

Device	Packing
Part Number-AP	Ammo Packing: 20Kpcs/Carton
Part Number-BP	Bulk: 100Kpcs/Carton

Note : Adding "-HF" suffix for halogen free, eg. Part Number-AP-HF

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