



Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311

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Features

- Capable of 0.25Watts of Power Dissipation.
- Collector-current 0.1A
- Collector-base Voltage 60V
- Operating and storage junction temperature range: -55°C to +150°C
- Epoxy meets UL 94 V-0 flammability rating
- Moisure Sensitivity Level 1
- Lead Free Finish/Rohs Compliant ("P"Suffix designates Compliant. See ordering information)
- Halogen free available upon request by adding suffix "-HF"

Electrical Characteristics @ 25°C Unless Otherwise Specified

Symbol	Parameter	Min	Тур	Max	Units	
OFF CHARA	OFF CHARACTERISTICS					
V _{(BR)CEO}	Collector-Emitter Breakdown Voltage (I _C =-1.0mAdc, I _B =0)	-50	-		Vdc	
V _{(BR)CBO}	Collector-Base Breakdown Voltage (I _C =-5.0µAdc, I _E =0)	-60	I		Vdc	
V _{(BR)EBO}	Emitter-Base Breakdown Voltage (I _E =-50µAdc, I _C =0)	-5.0			Vdc	
Ісво	Collector Cutoff Current (V _{CB} =-60Vdc, I _E =0)			-0.1	μAdc	
l _{EBO}	Emitter Cutoff Current (V _{EB} =-5.0Vdc, I _C =0)			-0.1	μAdc	

ON CHARACTERISTICS

h _{FE}	DC Current Gain				
	(I _C =-1.0mAdc, V _{CE} =-6.0Vdc)	90	200	600	
V _{CE(sat)}	Collector-Emitter Saturation Voltage				
	$(I_c=-100\text{mAdc}, I_p=-10\text{mAdc})$		-0 18	-0.3	Vdc

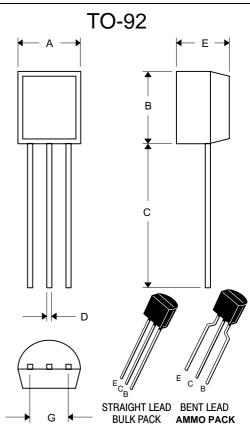
SMALL-SIGNAL CHARACTERISTICS

f⊤	Transistor Frequency (I _C =10mAdc, V _{CE} =-6.0Vdc)	100	 	MHz
C _{ob}	Collector output capacitance (V _{CB} =-10Vdc, I _E =0,f=1MHz)		 6	pF
NF	Noise figure $(V_{CE}$ =-6Vdc, I_{C} =-03mAdc, I_{CE} =-040, I_{CE} =-040, I_{CE} =-05 mAdc, I_{CE} 05 mAdc, I_{CE} 05 mAdc, I_{CE} 0		 20	dB

CLASSIFICATION OF HE (1)

Rank	R	Q	Р	K
Range	90-180	135-270	200-400	300-600

PNP Silicon Plastic-Encapsulate Transistor



DIMENSIONS					
	INCHI	ΞS	MM		
DIM	MIN	MAX	MIN	MAX	NOTE
Α	.175	.185	4.45	4.70	
В	.175	.185	4.45	4.70	
С	.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
G	.173	.220	4.40	5.60	Bent Lead

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



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-BP-HF

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