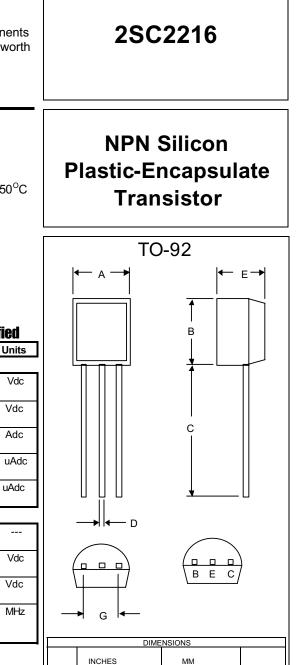


Micro Commercial Components

Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311 Phone: (818) 701-4933 Fax: (818) 701-4939

Features

- Capable of 300m Watts of Power Dissipation.
- Collector-current : Icm=50mA
- Collector-base Voltage:V(BR)CBO= 50V
- Operating and storage junction temperature range: -55°C to +150°C
- ∉ Case Material: Molded Plastic. UL Flammability Classification Rating 94V-0 and MSL rating 1
- Lead Free Finish/Rohs Compliant ("P"Suffix designates Compliant. See ordering information)



MAX

.190

.190

.590 .020

.160

104

MAX

4.83

4.83

14.97

0.56

3.96

MIN

4.33

4.30

13.97 0.36

3.30

NOTE

Electrical	Characteristics	@ 25°C linies s	: Otherwise S	necified
LIUUUIUUI	Unuruotoriotios			μοσιποά

Symbol	Parameter	Min	Max	Units		
OFF CHARACTERISTICS						
V (BR)CEO	Collector-Emitter Breakdown Voltage (I $_{\rm C}$ =10mAdc, $_{\rm B}$ =0)	45		Vdc		
V _{(BR)CBO}	Collector-Base Breakdown Voltage (I _c =100uAdc, I _e =0)	50		Vdc		
V _{(BR)EBO}	Emitter-Base Breakdown Voltage (I $_{\rm E}$ =100uAdc, I $_{\rm C}$ =0)	4.0		Adc		
сво	Collector Cut-off Current (V _{CB} =50Vdc, I _E =0)		0.1	uAdc		
I _{EBO}	Emitter Cut-off Current (V _{EB} =4.0Vdc, I _c =0)		0.1	uAdc		
ON CHARAC	TERISTICS					
h _{FE}	DC Current Gain (I _c =12.5mAdc, V _{ce} =12.5Vdc)	40	140			
V _{CE(sat)}	Collector-Emitter Saturation Voltage ($I_c=15mAdc$, $I_B=1.5mAdc$)		0.2	Vdc		
V _{(BE)sat}	Base-Emitter Saturation Voltage (I_c =15mAdc, I_B =1.5mAdc)		1.5	Vdc		
fT	Transition Frequency (V $_{CE}$ =12.5Vdc, I _C =12.5mAdc, f=100MHz)	300		MHz		



DIM

AB

C

D

MIN .170

.170

.550 .010

.130



Ordering Information

Device	Packing	
(Part Number)-AP	Ammo Packing;2Kpcs/AmmoBox	
(Part Number)-BP	Bulk;1Kpcs/Bag	

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