Micro Commercial Components

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2SB1132-P
2SB1132-Q
2SB1132-R

PNP
Plastic-Encapsulate Transistors

Features

- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
- Epoxy meets UL 94 V-0 flammability rating
- Moisure Sensitivity Level 1
- Power dissipation: P_{CM} = 0.5W(T_{amb}=25℃)
- Collector current: I_{CM} = -1A
- Collector-base voltage: $V_{(BR)CBO}$ = -40V
- Operating and storage junction temperature range
  T_J, T_{stg}: -55℃ to + 150℃
- Halogen free available upon request by adding suffix "-HF"

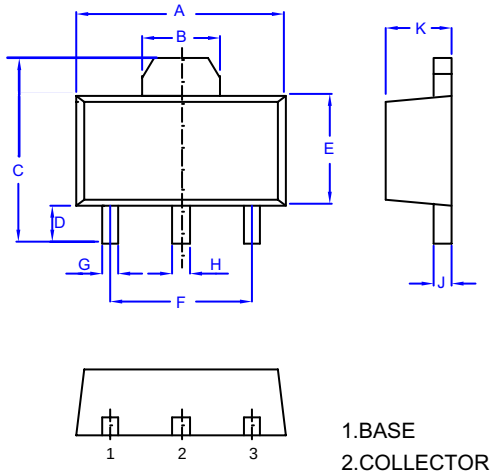
Electrical Characteristics @ 25℃ Unless Otherwise Specified

Symbol	Parameter	Min	Typ	Max	Unit
V_{CEO}	Collector-Emitter Voltage (I_C=-50μA, I_E=0)	-32	---	---	V
V_{CBO}	Collector-Base Voltage (I_C=-1μA, I_B=0)	-40	---	---	V
V_{EBO}	Emitter-Base Voltage (I_E=-50μA, I_C=0)	-5.0	---	---	V
I_{CBO}	Collector cut-off Current (V_{CB}=-20V, I_E=0)	---	---	-0.5	μA
I_{EBO}	Emitter cut-off Current (V_{EB}=-5V, I_C=0)	---	---	-0.5	μA
h_{FE}	DC current gain (V_{CE}=-2V, I_C=-0.1A)	82	---	390	---
$V_{CE(sat)}$	Collector-Emitter Saturation Voltage (I_C=-2A, I_B=-0.1A)	---	---	-0.5	V
f_T	Transition Frequency (V_{CE}=2.0Vdc, I_C=0.5Adc)	---	150	---	MHz
Cob	Collector output capacitance (V_{CB}=-10V, I_E=0, f=1MHz)	---	20	30	

CLASSIFICATION OF h_{FE}

Rank	P	Q	R
Range	82-180	120-270	180-390
Marking	BAP	BAQ	BAR

SOT-89



1.BASE
2.COLLECTOR
3.EMITTER

DIMENSINS					
DIM	INCHES		MM		NOTES
	MIN	MAX	MIN	MAX	
A	.173	.181	4.39	4.60	
B	.063	.071	1.60	1.80	
C	.154	.165	3.91	4.25	
D	.031	.039	0.80	1.00	
E	.092	.100	2.34	2.54	
F	.118	-----	3.00	-----	TYP
G	.013	.019	0.33	0.48	
H	.015	.021	0.38	0.53	
J	.015	.016	0.38	0.41	
K	.055	.063	1.40	1.60	

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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel;1Kpcs/Reel

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

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