



Micro Commercial Components



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2SA933AS-Q
2SA933AS-R
2SA933AS-S

Features

- Lead Free Finish/Rohs Compliant ("P" Suffix designates Compliant. See ordering information)
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1
Marking: type number
Power dissipation: P\_CM = 0.2W(T\_amb=25°C)
Collector current: I\_CM = -0.15A
Collector-base voltage: V\_(BR)CBO = -60V
Operating and storage junction temperature range
T\_J, T\_stg: -55°C to +150°C

PNP
Plastic-Encapsulate
Transistors

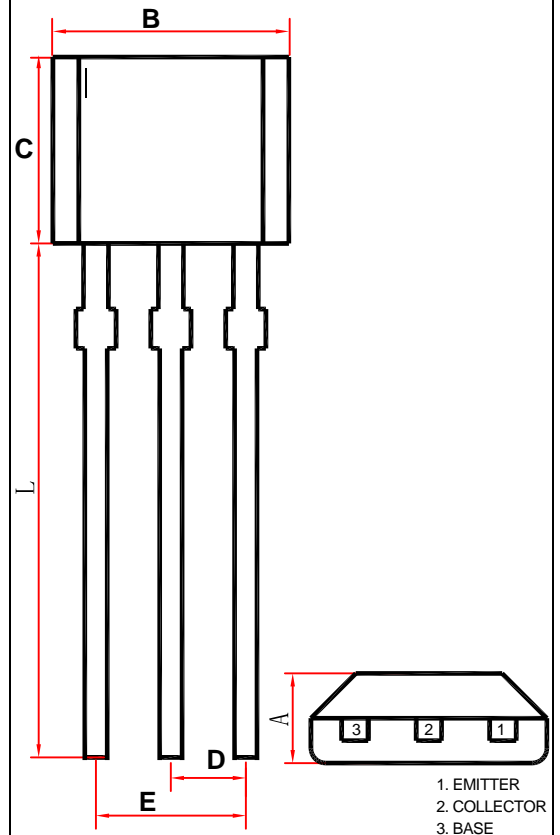
TO-92S

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 6 columns: Symbol, Parameter, Min, Typ, Max, Unit. Rows include V\_CEO, V\_CBO, V\_EBO, I\_CBO, I\_EBO, h\_FE, V\_CE(sat), and f\_T.

CLASSIFICATION OF h\_FE

Table with 4 columns: Rank, Range, Q, R, S. Q: 120-270, R: 180-390, S: 270-560.



DIMENSIONS table with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows include dimensions A, B, C, D, E, L.



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### Ordering Information :

Device	Packing
Part Number-AP	Ammo Packing: 30Kpcs/Carton
Part Number-BP	Bulk: 100Kpcs/Carton

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MCC's products are not authorized for use as critical components in life support devices or systems without the express written approval of Micro Commercial Components Corporation.

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