

MICRO

MPS9633,4

NPN SILICON

LOW NOISE

AUDIO TRANSISTOR

MPS9633, MPS9634 are designed for low noise audio pre-amplifier and equalizer applications in hi-fi amplifiers, phonographs, 8-track stereo, tape recorders and cassettes.

TO-92A



EBC

ABSOLUTE MAXIMUM RATINGS

Collector-Base Voltage

V_{CB0} 30V

Collector-Emitter Voltage

V_{CEO} 30V

Emitter-Base Voltage

V_{EB0} 5V

Collector Current

I_C 100mA

Total Power Dissipation @ $T_A=25^\circ\text{C}$

P_{tot} 350mW

Derate above 25°C

2.81mW/ $^\circ\text{C}$

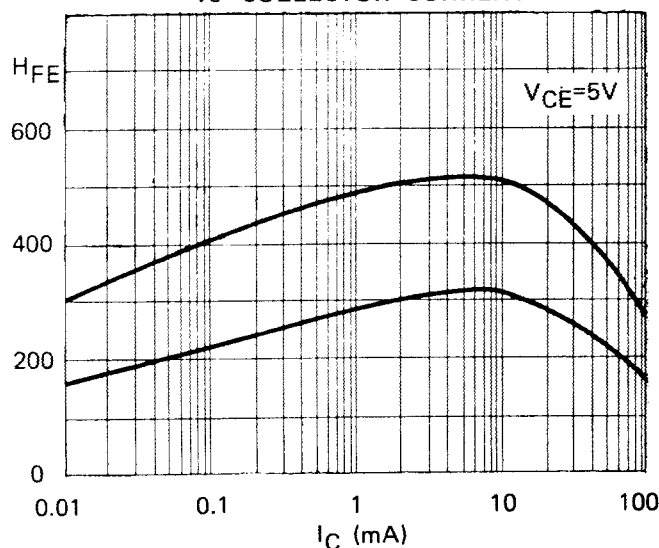
Operating and Storage Junction Temperature Range

T_j, T_{stg}

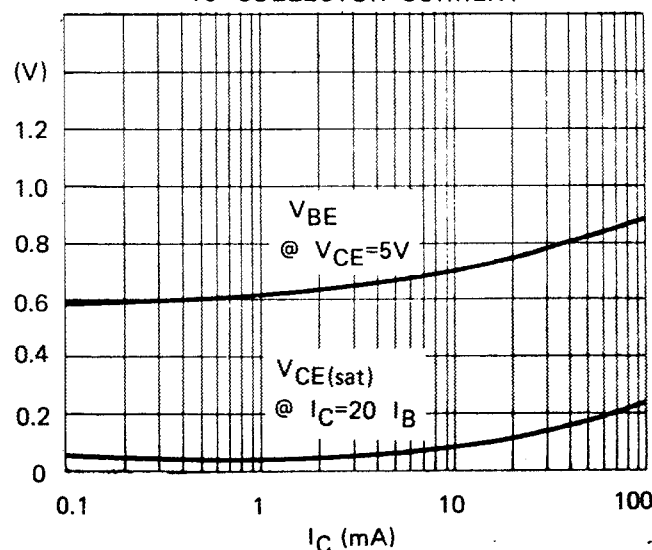
-55 to 150°C

TYPICAL CHARACTERISTICS AT $T_A=25^\circ\text{C}$

D.C. CURRENT GAIN
vs COLLECTOR CURRENT



V_{BE} AND $V_{CE(sat)}$
vs COLLECTOR CURRENT



MICRO ELECTRONICS LTD. 美科有限公司

38 Hung To Road, Kwun Tong, Kowloon, Hong Kong. Cable: Microtron, Hong Kong. Telex: 43510 Micro HX.
P.O. Box 69477, Kwun Tong. Tel: 3-430181-6 3-893363, 3-892423, 3-898221

FAX: 3-410321