

New Jersey Semi-Conductor Products, Inc.

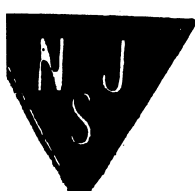
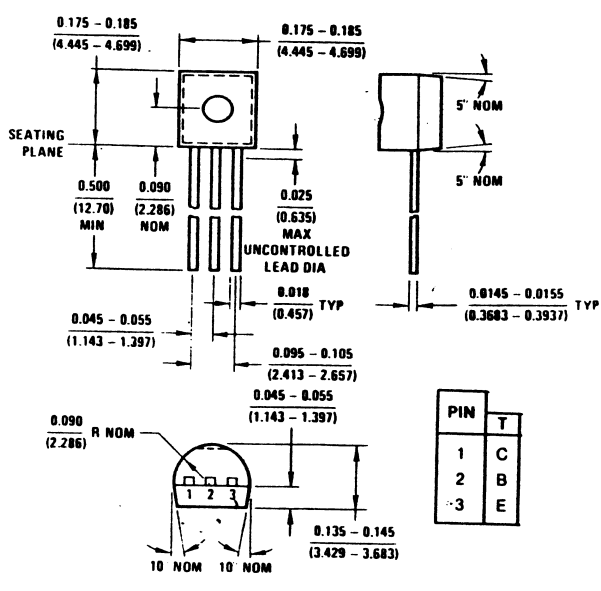
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2N5376 2N5378 (SILICON)

| Catalog Number | Case Style | P _D T _A = 25°C (mW) | Polarity | V _{CB0} | V _{CE0} | V _{EB0} | I _{CB0} | V _{CB} | h _{FE} | | I _C | V _{CE} | V _{CE(SAT)} | | V _{BE(SAT)} | | I _C | C _{ob} | f _T | t _{off} | NF | T _e |
|----------------|------------|---|----------|------------------|------------------|------------------|------------------|-----------------|-----------------|------|----------------|-----------------|----------------------|------|----------------------|-----------|----------------|-----------------|----------------|------------------|------|----------------|
| | | | | (V) Min. | (V) Min. | (V) Min. | (nA) Max. | (V) | Min. | Max. | (mA) @ | (V) | Max. | Min. | Max. | (mA) @ | (pF) Max. | (MHz) Min. | (ns) Max. | (dB) @ C | (no) | |
| 2N5376 | CN-1 | 500 | NPN | 60 | 30 | 5 | 10 | 30 | 120 | — | 1 | 5 | — | — | — | — | 8 | — | — | — | — | — |
| 2N5378 | CN-1 | 500 | NPN | 40 | 30 | 5 | 10 | 30 | 120 | — | 1 | 5 | — | — | — | — | 10 | — | — | — | — | — |

Package Outline



NJ Semi-Conductors reserves the right to change test conditions, parameter limits and package dimensions without notice. Information furnished by NJ Semi-Conductors is believed to be both accurate and reliable at the time of going to press. However NJ Semi-Conductors assumes no responsibility for any errors or omissions discovered in its use. NJ Semi-Conductors encourages customers to verify that datasheets are current before placing orders.