

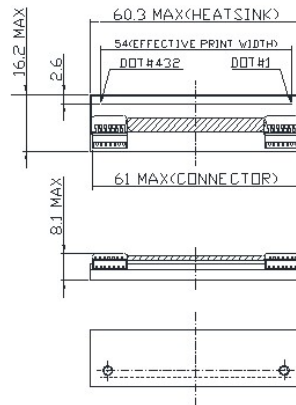
●Features

Adopting a heating element structure optimal for various printing speeds and media achieves both printing quality and energy saving. A thermal print head that supports high-level control by supporting a high-frequency clock.

●Applications

It is ideal for POS terminals used in a wide range of fields, receipt printing for ATMs, label printers, slot machines and lottery printers.

●Dimensions (Unit : mm)



●Specifications

| Item | Value | Unit |
|-------------------------|--------------|----------------|
| Print Width | 54 | mm |
| Number of dot | 432 | dots |
| Resolutions | 203 | Dpi |
| Resistance Value | 800 | Ω |
| Platen Diameter | Max. 14 | mm |
| Logic Voltage | 3.13 to 5.25 | V |
| Supply Voltage | 24 | V |
| Print Speed (Reference) | 150 | mm/sec |
| Abrasion Life | 150 | km |
| Pulse Life | 100 | million pulses |
| Historical Control | No | - |

Notes

- 1) The information contained herein is subject to change without notice.
- 2) Before you use our Products, please contact our sales representative and verify the latest specifications :
- 3) Although ROHM is continuously working to improve product reliability and quality, semiconductors can break down and malfunction due to various factors.
Therefore, in order to prevent personal injury or fire arising from failure, please take safety measures such as complying with the derating characteristics, implementing redundant and fire prevention designs, and utilizing backups and fail-safe procedures. ROHM shall have no responsibility for any damages arising out of the use of our Products beyond the rating specified by ROHM.
- 4) Examples of application circuits, circuit constants and any other information contained herein are provided only to illustrate the standard usage and operations of the Products. The peripheral conditions must be taken into account when designing circuits for mass production.
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- 7) The Products specified in this document are not designed to be radiation tolerant.
- 8) For use of our Products in applications requiring a high degree of reliability (as exemplified below), please contact and consult with a ROHM representative : transportation equipment (i.e. cars, ships, trains), primary communication equipment, traffic lights, fire/crime prevention, safety equipment, medical systems, servers, solar cells, and power transmission systems.
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