

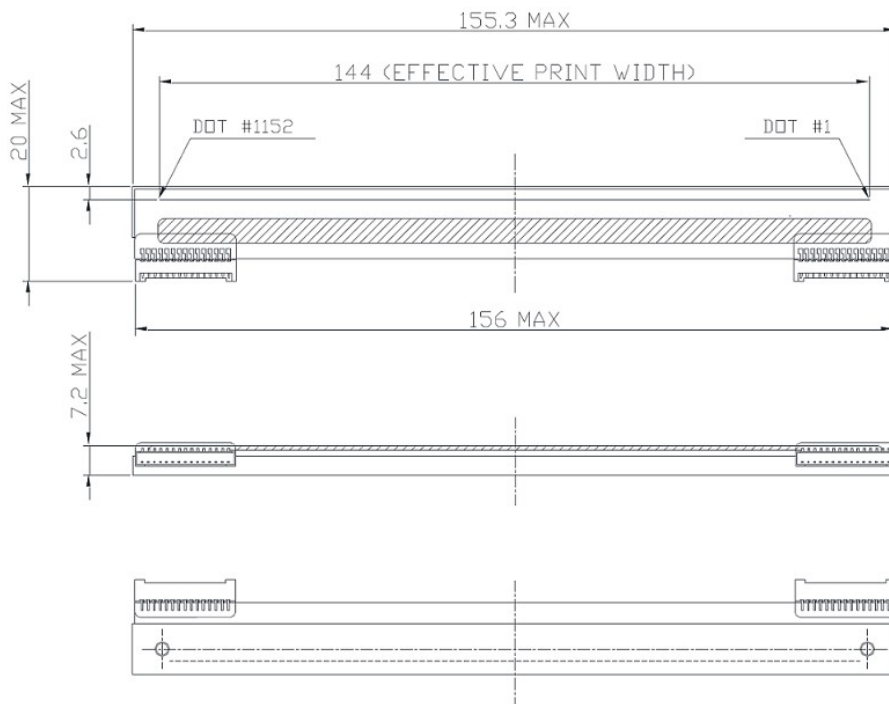
●Features

By adopting a unique heating element structure that supports high-speed printing, clear print quality can be obtained even at high-speed printing. This series achieves high-quality printing on various media.

●Applications

Ideal for Smart POS printers that support high-speed printing, ECR printers, and small label printers such as cardboard labels.

●Dimensions (Unit : mm)



●Specifications

Item	Value	Unit
Print Width	144	mm
Number of dot	1152	dots
Resolutions	203	Dpi
Resistance Value	800	$\Omega$
Platen Diameter	Max. 20	mm
Logic Voltage	4.75 to 5.25	V
Supply Voltage	24	V
Print Speed (Reference)	125	mm/sec
Abrasion Life	50	km
Pulse Life	50	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.
- 5) The technical information specified herein is intended only to show the typical functions of and examples of application circuits for the Products. ROHM does not grant you, explicitly or implicitly, any license to use or exercise intellectual property or other rights held by ROHM or any other parties. ROHM shall have no responsibility whatsoever for any dispute arising out of the use of such technical information.
- 6) The Products are intended for use in general electronic equipment (i.e. AV/OA devices, communication, consumer systems, gaming/entertainment sets) as well as the applications indicated in this document.
- 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.
- 9) Do not use our Products in applications requiring extremely high reliability, such as aerospace equipment, nuclear power control systems, and submarine repeaters.
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