# Compact high speed thick film thermal printhead (8dots / mm) KF2002-GF41A

Using its expertise in LSI technology, ROHM has developed new high density driver chips for use in the KF2002-GF41A. Capable of being employed for both thermal and thermal transfer printing, with a print speed of 200mm/s, the resulting printheads are the fastest in their class. The high-speed and high-density printing answers the needs of ATM, kiosk and ticket printing devices, which are increasingly being called upon to produce graphical output.

#### Applications

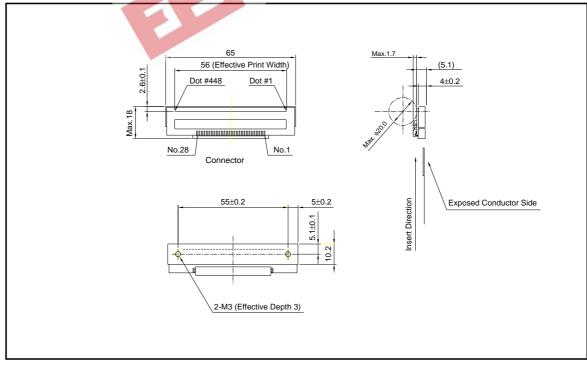
Label printers **Ticket printers** POS printers ATM printers **KIOSK** printers Terminal printers

#### Features

方意が世界 1) The use of a special partial glaze and the latest heating element structure, along with new high-density driver chips that can accept big current, has allowed ROHM to achieve print speeds of 200mm/s, the fastest in its class.

- 2) One rank resistance value of  $650\Omega \pm 3\%$  eliminates the inconvenience of rank selection.
- 3) 2-inch, 3-inch and 4-inch series are available.

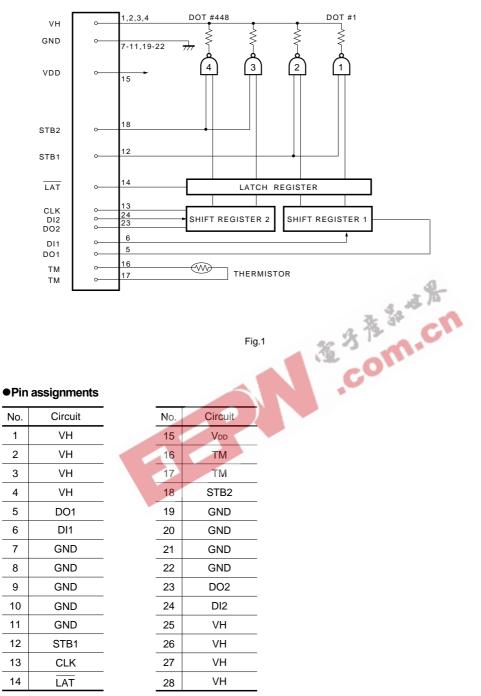
### External dimensions (Units : mm)



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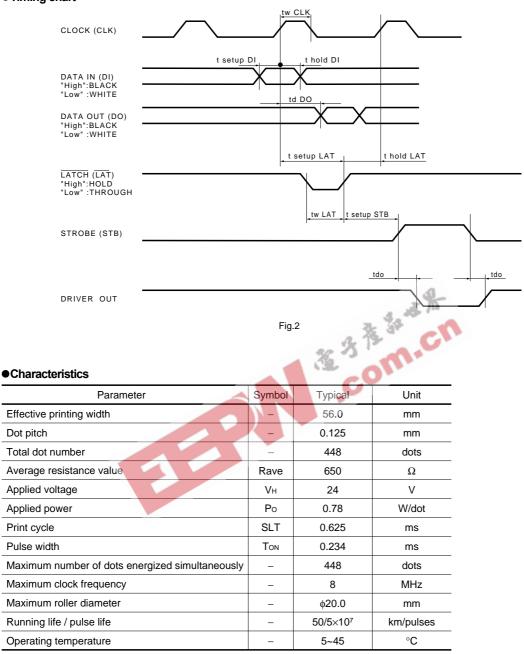
## Printheads

#### •Equivalent circuit

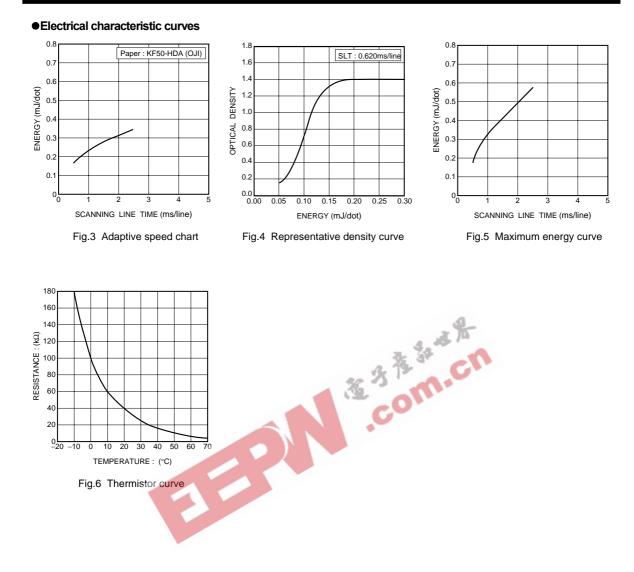


# Printheads





# Printheads



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 Application circuit diagrams and circuit constants contained herein are shown as examples of standard use and operation. Please pay careful attention to the peripheral conditions when designing circuits and deciding upon circuit constants in the set.

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