



The industry's first* specifically designed to prevent sticking between the head and media

Ultra-low Friction Thermal Printheads

SE-DC94A Series

*March 2008 ROHM study

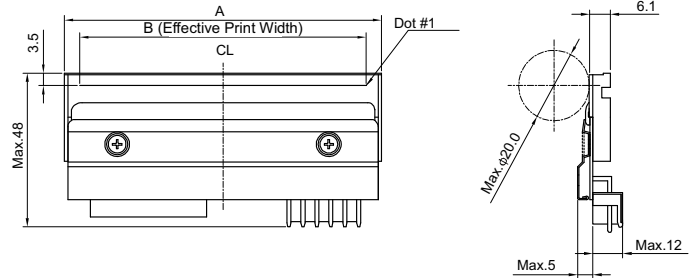
● Outline

The SE-DC94A series of thermal heads are the first in the industry* specifically designed to prevent sticking (i.e. foreign particles, media) to the heat elements, simultaneously improving both abrasion life and print quality.

● Features

- 1) New low-friction protective coating developed using advanced proprietary technology reduces sticking (industry first*)
- 2) High print quality throughout a wide range of printing speeds, from 50mm/s to 300mm/s
- 3) Compatible with both thermal and thermal transfer media
- 4) Electrically conductive overcoat prevents static buildup for improved ESD resistance
- 5) Broad lineup in different printing widths (2-4 inches) and dot densities (203dpi/300dpi).

● Dimensions



Part No.	A (mm)	B (mm)
SE2002-DC94A	66	56
SE2003-DC94A	90	80
SE2004-DC94A	124	112
SE3002-DC94A	66	54.2
SE3003-DC94A	90	81.3
SE3004-DC94A	124	108.4

● Applications

Commercial printers, including those for shipping, food labels, packaging, and ticketing.

● Specifications

Part No.	Density (dpi)	Print Width (mm)	Dot Count (dots)	Resistance (Ω)	Resistance Tolerance	Platen φ Max. (mm)	Circuit Supply Voltage (V)	Print Supply Voltage (V)	Abrasion Life (km)
SE2002-DC94A	203	56	448	550	±15%	20	4.75 to 5.25	24	150
SE2003-DC94A	203	80	640	550	±15%	20	4.75 to 5.25	24	150
SE2004-DC94A	203	112	896	550	±15%	20	4.75 to 5.25	24	150
SE3002-DC94A	300	54.2	640	850	±15%	20	4.75 to 5.25	24	150
SE3003-DC94A	300	81.3	960	850	±15%	20	4.75 to 5.25	24	150
SE3004-DC94A	300	108.4	1280	850	±15%	20	4.75 to 5.25	24	150

*The above specifications are currently under development and therefore are subject to change without notice

- The specifications for the product described in this document are for reference only. Upon actual use, therefore, please request that specifications to be separately delivered.
- The application circuit examples, information, and various data pertaining to the use of the products presented in this documentation are provided for reference purposes only.
- Please note that ROHM cannot bear any responsibility regarding any problems relating to industrial property rights resulting from their use thereof.

The products listed in this catalog are designed to be used with ordinary electronic equipment or devices (such as audio visual equipment, office-automation equipment, communications devices, electrical appliances and electronic toys). Should you intend to use these products with equipment or devices which require an extremely high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), please be sure to consult with our sales representative in advance.

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Current specifications in effect of 1st. March 2008.

