

Print Head

◆ Product Description

This thermal print head features a high resolution of 300DPI and is compatible with 110Xi4/105SL Plus industrial barcode printers. It offers clear and stable printing and is suitable for label printing in scenarios such as warehousing and logistics.



◆ Product advantages

- Fast printing speed
- Simple structure and low failure rate
- No consumables (ink/carbon ribbon) required
- Clear printing with minimal noise
- Compact in size and highly adaptable

◆ Product Structure

The thermal print head (TPH) is the core imaging component of a thermal printer. It is in a linear strip shape as a whole. The core is composed of four major modules: the heating array layer, the substrate/carrier layer, the connection/drive layer, and the protection/heat dissipation layer. There are slight differences in details among different processes (thick film/thin film) and structures (single body/dual body).

◆ Application Scenarios

Combining the features of thermal print heads such as simple structure, high speed, ink-free operation and low cost, they are mainly applied in five major fields: receipt printing, barcode labels, portable printing, receipts and industrial identification.

◆ Product Features

Resolution ratio: 200-600dpi
 Exothermic reaction: μ s level
 Operating temperature: -10~60°C
 Abrasion resistance: ≥ 1 million times

Product code	Color	Spec
1.5.33.00.0015	white	105SL PLUS 300DPI

◆ Remarks

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