

# **Thickfilm Thermal Printheads**

## **TPH for Facsimile**



## **HY/HA Series**

#### **Features**

Assembly and LSI technology from Mitsubishi Electric Corporation. Contribution to compact design, smallest HA series TPH for FAX in the World. De facto standard HA/HY series for FAX, W/W share No.1. Corrosion resistant, anti-interference, high durability, specially used in Sailing, Security, National Defense etc.

### **Application**

Family, Office, various kinds of FAX in special occasions.

| Model                     | HY208-FD          | HA216-FD2         |
|---------------------------|-------------------|-------------------|
| Resolution (dpi)          | 203               | 203               |
| Printing Width (mm) *1    | 216               | 216               |
| Number of dots (dots)     | 1728              | 1728              |
| Resistance (Ω)            | 5000±3%           | 3000±3%           |
| Platen Roller size (ΜαχΦ) | 12                | 12                |
| Printing Speed (mm/s)     | 12,5              | 12,5              |
| Clock Speed (Max MHz)     | 5                 | 5                 |
| Logic (V)                 | 3.3V - 5V         | 3.3V - 5V         |
| Head voltage (V)          | 24V               | 24V               |
| Run length (km)           | 30                | 30                |
| Pulse activation (Pulses) | 1x10 <sup>8</sup> | 1x10 <sup>8</sup> |
| Heatsink *4               | Steel             | Aluminum          |
| Interface *5              | Connector         | Connector         |

- \*1 Design technology from Mitsubishi, customized design with any printing width at lower cost.
- \*4 Customized head support according to customers.

Material-Aluminum, Steel, Stainless, Plastic.

Process-Extrude, Die Cast, Injection, Press.

\*5 Various solution for customers.

Connector.

FFC direct soldering.

FPC direct soldering.