

### Paper



58 mm



RoHS

### Specifications

### ELM224

|                                 |                           |
|---------------------------------|---------------------------|
| Print method                    | Thermal                   |
| Number of dots                  | 384                       |
| Resolution (dots/mm)            | 8                         |
| Printing width (mm)             | 48                        |
| Paper width (mm)                | 58+0 / -1                 |
| Max. paper thickness (μ)        | 80                        |
| Paper loading                   | Easy loading              |
| Printing speed (mm/s)           | 80                        |
| Paper detection                 | Photo Interrupter         |
| Temperature detection           | Thermistor                |
| Head-up or Cover-open detection | Combined with opto sensor |
| Voltage range (Logic/Head)      | 3.14 ÷ 5.25 / 24 ± 10%    |
| Dot resistance (Ohm)            | 3000                      |
| Energy per dot (mJ)             | 0.22                      |
| Stepper motor (Ohm)             | 140                       |
| Weight (g)                      | 40                        |
| Life/reliability                | 50km/100M pulses          |
| Operating temperature (C°)      | -10 to +60 non cond.      |
| Operating humidity (%)          | 20 to 85 non cond.        |
| Dimensions (WxDxH mm)           | 67.5x30.7x30.8            |

### Features

- Compact design - low weight
- 24V / dots - 5V / logic
- No loose wiring - a single flex-cable houses all wiring
- Ergonomic design - centered paper path allows uniform and aesthetic housing design
- High reliability due to its patented easy loading design
- Print speed up to 80 mm/s
- 203 dpi resolution
- Low cost

### Applications

- Portable printers and terminals
- Hand held terminals
- Cash registers
- Calculators
- Measuring instruments and analyzers
- POS (point of sale)
- EFTs (electronic funds transfer)
- Data terminal devices
- Medical equipments
- Taxi meters

### Options

### Chip set

