

# ELM 200 Series X3

## Compact easy loading thermal printer line

### Specifications

#### ELM205-X3

#### ELM224-X3

Print method	Thermal	Thermal
Number of dots	576	576
Resolution (dots/mm)	12	12
Printing width (mm)	48.7	48.7
Paper width (mm)	58	58
Max. paper thickness (µm)	80	80
Paper loading	Easy loading	Easy loading
Printing speed (mm/s)	120	200
Paper detection	Opto sensor	Opto sensor
Temperature detection	Thermistor	Thermistor
Head-up/Cover-open detection	Opto Sensor	Opto sensor
Voltage range (Logic   Head)	2.7-5.25 V   2.7-9.5 V	3.0-5.25 V   24 typical, 26.5 V max
Dot resistance (Ohm)	140±3%	800±3%
Energy per dot (mJ)	0.17	0.11
Stepper motor (Ohm)	Bipolar (12)	Bipolar (12)
Weight (g)	45	45
Life/reliability	100km/100M pulses	100km/100M pulses
Operating temperature (°C)	-5 to +50 non cond.	-5 to +50 non cond.
Operating humidity (%)	10 - 90 non cond.	10 - 90 non cond.
Dimensions (WxDxH mm)	67.5x30.7x30.8	67.5x30.7x30.8



58 mm

### Features

- No loose wiring - single flex cable
- Ultra high resolution - 300 dpi
- Patented compact easy loading design
- Variable power
- High printing speed up to 120 mm/s for 5 V mechanism and up to 200 mm/s for 24 V mechanism
- Usable at 12 V with printing speed of 150 mm/s

### Applications

- Automotive
- Calculators
- Data terminal devices
- EFT POS
- Fiscal printers
- ID automation
- Hand held terminals
- Measuring instruments and analysers
- Medical equipment
- Portable printers and terminals
- Taxi meters

### Options

- Chip Set
- Gear PRO™
- Temp. extension