

ELM 200 Series

Compact easy loading 5V thermal printer line



58 mm

Specifications

	ELM205-LV	ELM205-HS	ELM208-LV	ELM208-HS
Print method	Thermal	Thermal	Thermal	Thermal
Number of dots	384	384	384	384
Resolution (dots/mm)	8	8	8	8
Printing width (mm)	48	48	48	48
Paper width (mm)	58	58	58	58
Max. paper thickness (μ)	80	80	80	80
Paper loading	Easy loading	Easy loading	Easy loading	Easy loading
Printing speed (mm/s)	75	95	75	95
Paper detection	Opto sensor	Opto sensor	Opto sensor	Opto sensor
Temperature detection	Thermistor	Thermistor	Thermistor	Thermistor
Head/Cover-open detection	Opto sensor	Opto sensor	Opto sensor	Opto sensor
Voltage range (Logic Head)	2.7-5.5 2.7-9.5 V	2.7-5.5 4.5-9.5 V	2.7-5.5 3.0-9.5 V	2.7-5.5 5.5-9.5 V
Dot resistance (Ohm)	123 ± 3%	176 ± 3%	123 ± 3%	165 ± 3%
Energy per dot (mJ)	0.16	0.16	0.16	0.16
Stepper motor (Ohm)	Bipolar (12)	Bipolar (12)	Bipolar (12)	Bipolar (12)
Weight (g)	40	40	40	40
Life/reliability	100km/100M pulses	100km/100M pulses	50km/100M pulses	50km/100M pulses
Operating temperature (°C)	-20 to +60 °C	-20 to +60 °C	-20 to +60 °C	-20 to +60 °C
Operating humidity (%)	10 to 90 non cond.	10 to 90 non cond.	10 to 90 non cond.	10 to 90 non cond.
Dimensions (WxDxH mm)	67.5x30.7x30.8	67.5x30.7x30.8	67.5x30.7x30.8	67.5x30.7x30.8



Features

- Compact design - low weight housing design
- No loose wiring - a single short flex-cable houses all wiring
- Ergonomic design - centered paper path allows uniform and aesthetic housing design
- Patented easy loading design
- Print speed of to 95 mm/s for HS and 75 mm/s for LV version

Applications

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

Options

- Chip Set
- CSM05
- Gear PRO™
- Temp. extension
- Controller Board