ADVANCED PRINTING SYSTEMS APS

www.aps-printers.com

Easy Loading Mechanisms

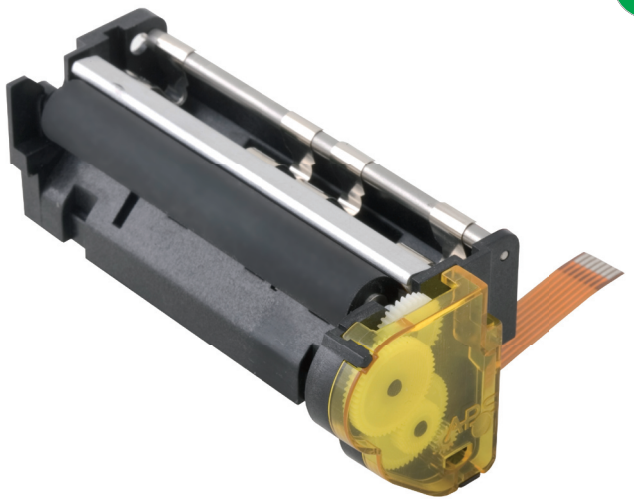
ELM 3000 Series

Heavy duty easy loading printers for a variety of applications

Paper

82.5 mm

RoHS



Specifications	ELM3071	ELM3241	ELM3261
Print method	Thermal	Thermal	Thermal
Number of dots	576	576	640
Resolution (dots/mm)	8	8	8
Printing width (mm)	72	72	80
Paper width (mm)	82.5	82.5	82.5
Max. paper thickness (µ)	80	80	80
Paper loading	Easy loading	Easy loading	Easy loading
Printing speed (mm/s)	40	60	100
Paper detection	Opto sensor	Opto sensor	Opto sensor
Temperature detection	Thermistor	Thermistor	Thermistor
Head-up or Cover-open detection	Combined with opto sensor	Combined with opto sensor	Combined with opto sensor
Voltage range (Logic/Head)	2.7-5.25 / 4.5÷8.5	4.75-5.25 / 18-26.5	4.75-5.25 / 18-26.5
Dot resistance (Ohm)	176 ± 4%	1500 ± 4%	650 ± 3%
Energy per dot (mJ)	0.13	0.25	0.25
Stepper motor (Ohm)	Bipolar (12)	Bipolar (132)	Bipolar (12)
Weight (g)	115	115	115
Life/reliability	50km/100M pulses	50km/100M pulses	50km/100M pulses
Operating temperature (C°)	-10 to 60 non cond.	-10 to 60 non cond.	-10 to 60 non cond.
Operating humidity (%)	20 to 85 non cond.	20 to 85 non cond.	20 to 85 non cond.
Dimensions (WxDxH mm)	105.3x48.4x42.5	105.3x48.4x42.5	105.3x48.4x42.5

Features

- 3 inches paper width
- 5 and 24 Volts
- High print speed - up to 100 mm/s
- Easy loading paper
- Label / thick paper path design
- Double opto available

Applications

- Portable printers and terminals
- Label printers
- Cash registers
- Fiscal printers
- Gaming
- Measuring instruments and analyzers
- POS (point of sale)
- Medical equipments
- Weighing machines, scales
- Ticketing

Options

Chip set

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