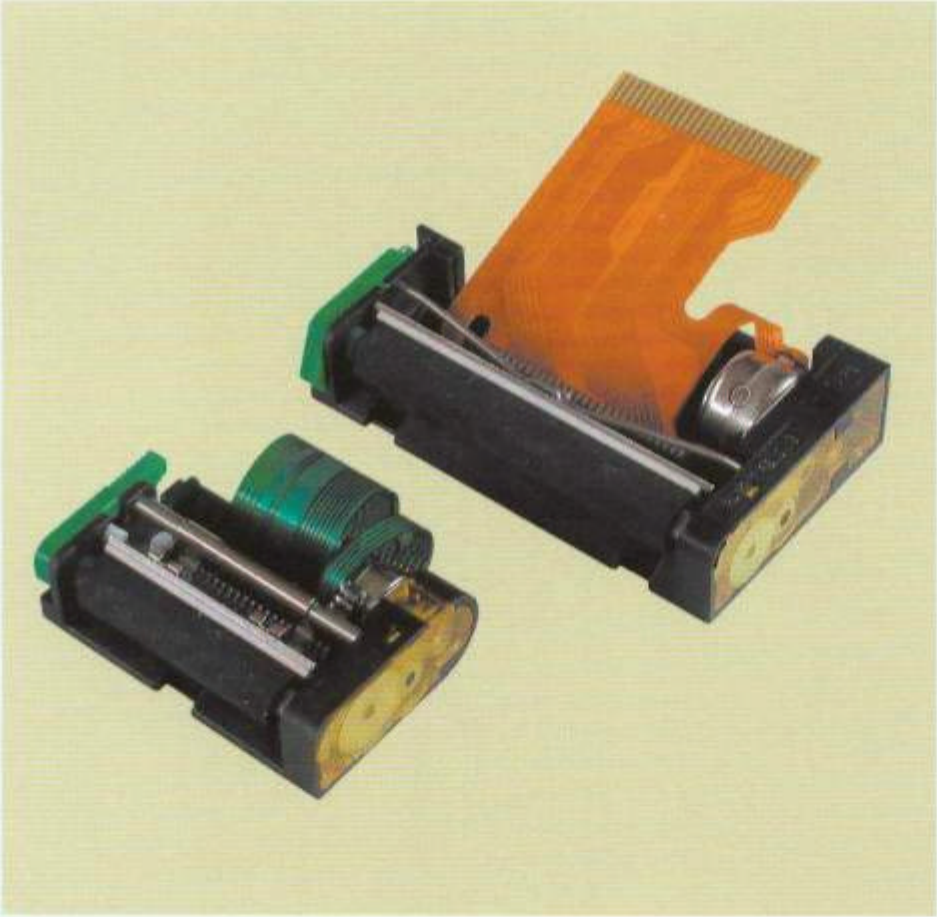
ADVANCED PRINTING SYSTEMS, LTD.

MP 205 Series

SMALLEST PRINTERS IN THE WORLD SPECIALLY DESIGNED FOR POS AND BATTERY APPLICATIONS



FEATURES

- Ultra compact design - height only 10 mm & 15 mm and wei only 37g
- No loose wiring -single flexi-c houses all wiring
- Ergonomic design -centered paper path allows uniform anc aesthetic housing design
- Footprint compatible to popul shuttle head mechanism
- Prints high quality characters at speeds up to 60 mm/s
- TORSION BAR™ design for e printhead maintenance and be quality graphics
- Low cost

APPLICATIONS

- Portable printer/terminal
- EFT
- Cash register
- POS
- Weighing machines
- Medical equipment

PATENTED TORSION BAR DESIGN

THE APS FAMILY

APS offers a complete line of thermal printer mechanisms as well as full custom printing solutions.

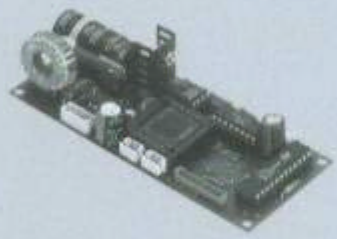
Specifications

	MP 105	MP 205
Print Method	Thermal line printing	Thermal line printing
Number of dots	192	384
Resolution (dots/mm)	8 dots/mm	8 dots/mm
Print width (mm)	24 mm	48 mm
Paper width (mm)	38 mm	58 mm
Max. Paper thickness (mils)	3 mils	3 mils
Paper loading	Automatic	Automatic
Dot resistance (Ohms)	142 Ω	142 Ω
Voltage (Logic / Head)	5/5	5/5
Energy per dot (mJ)	0.31 mJ	0.31 mJ
Average consumption	0.7 A	1.0 A
Printing speed (mm/s)	50 mm/s	60 mm/s
Paper detection	Optosensor	Optosensor
Temperature detection	Thermistor 30K	Thermistor 30K
Stepper motor	Bipolar 20	Bipolar 15
Weight (g)	32g	37g
Life / reliability	50kms / 100 million pulses	50kms / 100 million pulses
Operating temperature (°C)	0/50 °C	0/50 °C
Operating humidity (%)	20-80% no condensing	20-80% no condensing
Dimensions (WxDxL) mm	48 x 28.5 x 13.8 mm	66 x 41 x 15 mm

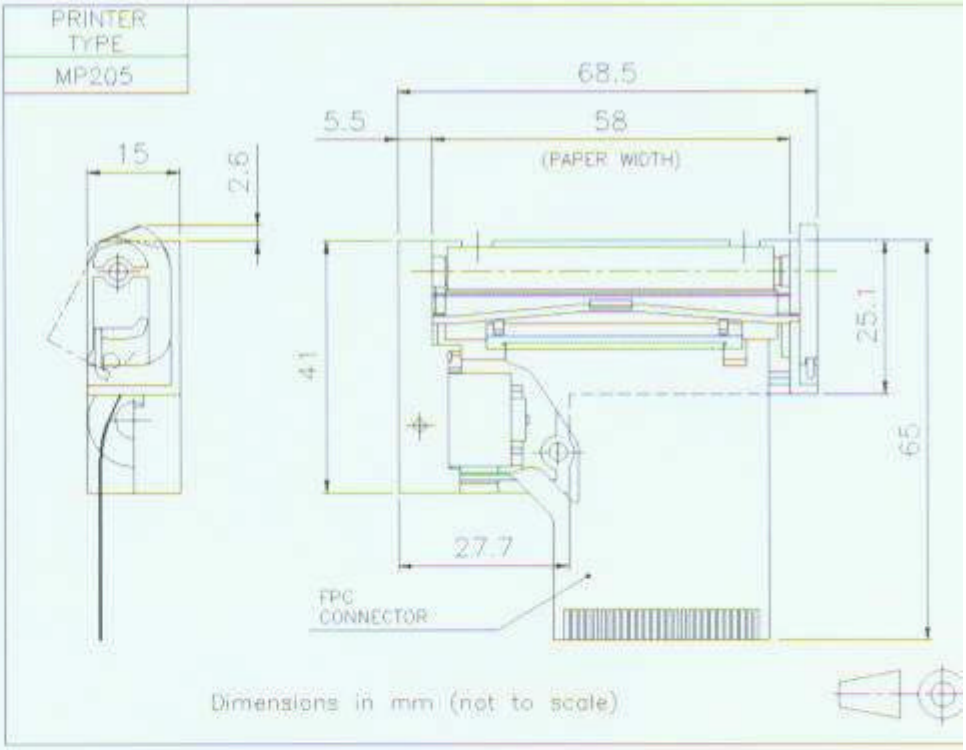
OPTIONS

- Journal paper sensor
- Cutter 2" & 3"

Chipset



Control Board



Notes:

Represented by

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