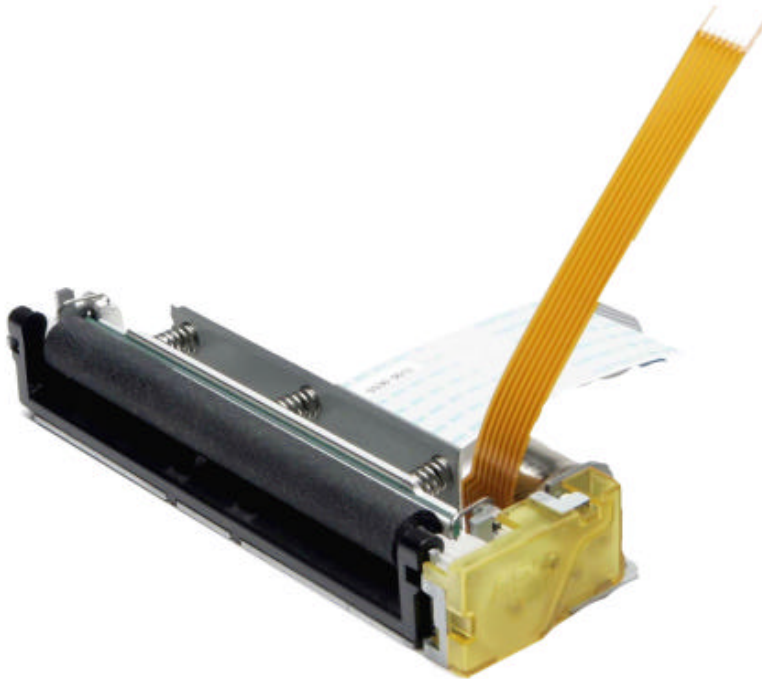




# FM 305 Series

Thermal Printer mechanism

## Preliminary Data



### FEATURES

- Ultracompact design (width 95,4mm, depth 32.7mm)
- Ultralight (47gr)
- Prints from 3V logic.
- High resolution printing (8 dots/mm)
- Low consumption.
- Prints speed up to 50mm/s.
- Full electrostatic protection.
- Max voltage 8.5 Volts.
- Patented Easy loading and Easy Door Opening System

### APPLICATIONS

- Portable printers and terminals.
- Hand held terminals.
- Fiscal printers.
- Calculators.
- Measuring instruments and analyzers.
- POS (point of sale).
- EFTs (electronic funds transfer).
- Data terminal devices.
- Medical equipments.
- Ticketing

Three inches thermal printer mechanism designed for MOBILE application

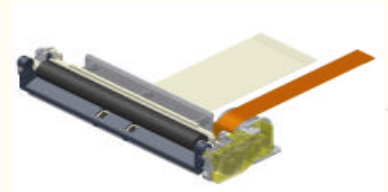


# FM 305 Series

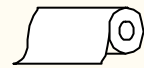
## OTHER APS PRODUCTS



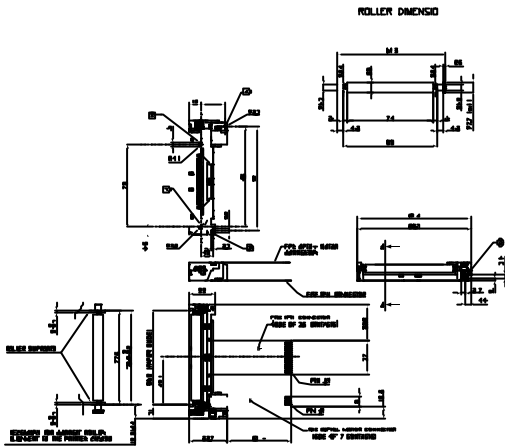
## NEW FM 305 MECHANISM



## PAPER

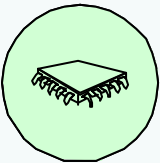


80mm

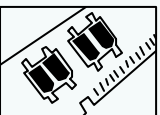


## OPTIONS

### CHIPSET



### DOUBLEOPTO



## SPECIFICATIONS

## FM 305-HS

Printmethod	Thermal
Numberofdots	576
Resolutions(dots/mm)	8
Printingwidth(mm)	72
Paperwidth(mm)	80
Max.paperthickness(μ)	80
Paperloading	Easyloading
Printingspeed(mm/s)	50
Paperdetection	Optosensor
Temperatredetection	Thermistor
Head-uporCover-opendetection	Combinedwithoptosensor
Voltagerange(Logic/Head)	3,0-5,5/4-8,5
Dotresistance(Ohm)	176 ± 4%
Energyperdot(mJ)	0.25
Steppermotor(Ohm)	Bipolar(12)
Weight(g)	47
Life/reliability	50km/100Mpulses
Operatingtemperature(C°)	0to50
Operatinghumidity(%)	20to85noncond.
Dimensions(WxDxHmm)	95,4 x 32,7 x 15,3