

FM 305 Series

Thermal printer mechanism



80 mm



Options

- CSM05
- Chip Set
- Double Opto
- Gear PRO™
- Temp. extension

Applications

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

Features

- Ultra compact design
- Ultra light (57 gr)
- Low consumption
- 105 mm/s printing speed
- Full electrostatic protection
- Max voltage 9.5 Volts
- Patented Easy loading and Easy Door Opening System
- 100 km printing life

Specifications

FM305-HS

Print method	Thermal
Number of dots	576
Resolution (dots/mm)	8
Printing width (mm)	72
Paper width (mm)	80 +0/-1
Max. paper thickness (μ)	80
Paper loading	Easy loading
Printing speed (mm/s)	105
Paper detection	Opto sensor
Temperature detection	Thermistor
Head-up or Cover-open detection	Opto sensor
Voltage range (Logic/Head)	3.0-5.5 V 4.5-9.5 V
Dot resistance (Ohm)	176 ± 4%
Energy per dot (mJ)	0.18
Stepper motor (Ohm)	Bipolar (12)
Weight (g)	57
Life/reliability	100km/ 100M pulses/> 1 M cuts
Operating temperature (°C)	-10 to 50 °C
Operating humidity (%)	10 to 90 non cond.
Dimensions (WxDxH mm)	95x33x15