

Mini Thermal Printers Series

Low Power Ultra-Compact 2" Printers

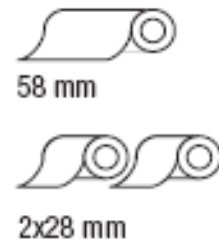
Features

- Ultra compact design
- 2 inches paper width
- No loose wiring - a single flex-cable houses all wiring
- Ergonomic design - centered paper path allows uniform and aesthetic housing design
- High reliability in an extremely small size
- Prints high quality characters at speed up to 85 mm/s
- Low cost
- Version 28 mm x 2 tickets width, 2 serial paper opto sensors for ECR
- Longer FPC
- Double opto available
- Other FPCs Available

Applications

- Portable printers and terminals
- Hand held terminals
- Cash registers
- Measuring instruments and analyzers
- POS (point of sale)
- EFTs (electronic funds transfer)
- Data terminal devices
- Medical equipments
- Weighing machines, scales
- Taxi meters
- Digital tachometers

Paper



Specifications	TP-481S	TP-485A	TP-486F	TP-487F	TP-488A
Print method	Thermal	Thermal	Thermal	Thermal	Thermal
Number of dots	384	384	384	384	384
Resolution (dots/mm)	8	8	8	8	8
Printing width (mm)	48	48	48	48	48
Paper width (mm)	58	58	58	58	58
Max. paper thickness (μ)	80	80	80	80	80
Paper loading	Easy loading	Easy loading	Easy loading	Easy loading	Easy loading
Printing speed (mm/s)	62.5	70	70	70	70
Paper detection	Opto sensor	Opto sensor	Opto sensor	Opto sensor	Opto sensor
Temperature detection	Thermistor	Thermistor	Thermistor	Thermistor	Thermistor
Voltage range (Logic/Head)	4.5-5.5 / 4.2-8.5	3.3-5 / 4.2-8.5	4.5-5.5 / 4.2-8.5	3.3-5 / 4.2-8.5	3.3-5 / 4.2-8.5
Weight (g)	45	40	42	35	35
Life/reliability	50km/100M pulses	50km/100M pulses	50km/100M pulses	50km/100M pulses	50km/100M pulses
Operating temperature (C°)	-30~70	0~50	0~50	0~50	0~50
Dimensions (WxDxH mm)	72x39.5x16	67.4 × 30.8 × 32.2	70x33.5x15	70x33.5x15	70x33.5x15
Compatible Model	Seiko LTP1245	APS ELM-205	FUJITSU FTP-628MCL-101/LTPZ245/FM205	FUJITSU FTP-628MCL-701	APS SS205