

Thermal Printer Mechanism

LTP8235

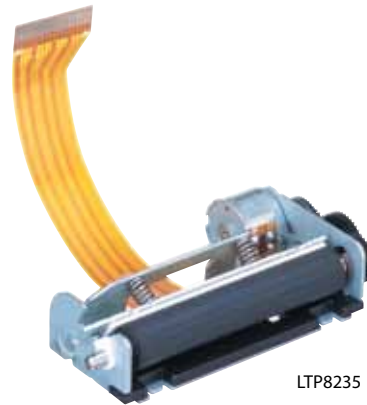


POS/ECR

Measuring
InstrumentPortable
PrinterMedical
Equipment

Calculator

- Max printing speed: 60mm/sec
- Compact and light-weight
- Resolution: 6 dots/mm



LTP8235

Model		LTP8235
Printing	Method	Thermal line dot printing
	Number of dots/line	288
	Resolution (dots/mm)	6
	Paper width (mm)	58 ⁺⁰ ₋₁
	Printing width (mm)	48
	Speed (mm/sec)max	60
	Paper path	Curved
Detection	Head temperature	By thermistor
	out of paper	By photo interrupter
Power supply (V)	Operation voltage (Vdd)	4.5 to 5.5
	Operation voltage (Vp)	6.0 to 8.0
Peak current (A)	Head	4.6 (8V / 144 dots)
	Motor	0.81 (8V)
Service life	Pulse activation (pulse)	50 million
	Abrasion resistance (Km)	50 *1
Operating temperature (°C)		0 to 50
Dimensions (W x D x H mm)		72.0 x 38.0 x 15.6 *2
Mass (g)		Approx.50

*1 Use recommended thermal papers *2 Excluding protrusion

CPU

Model		PT800P01
Thermal printer		LTP8235
Package form		80pin QFP
Operating voltage (V)		Vp:6.0 to 8.0, Vcc:4.5 to 5.5
Operating frequency (MHz)		5 +/- 0.5%
Configuration		C-MOS LSI
Communication interface		Parallel, Serial
Character type		Extended graphics character set, Other characters is available with CGs *1 or external ROM
Character matrix (H x W dots)		16 dots characters : 16 x 8, 16 x 16 24 dots characters : 24 x 12, 24 x 24
Dimensions (W x D x H mm)		17.2 x 17.2 x 1.7

*1 CG ROM: Japanese

Specifications are subject to change without notice.



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