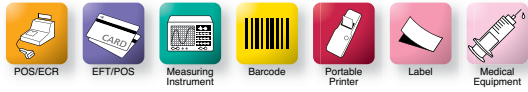
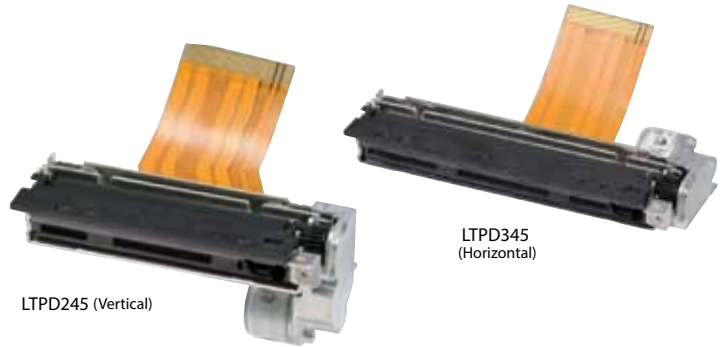


Thermal Printer Mechanism

## LTPD245 / 345



- High performance in compact design
- Max. printing speed (LTPD245): 100mm/sec
- Platen latch function
- Label printing \*Under specific conditions only.
- Various drivers



Model		LTPD245	LTPD345
Printing	Method	Thermal line dot printing	
	Number of dots/line	384	576
	Resolution (dots/mm)	8	
	Paper width (mm)	58 <sup>+0</sup>	80 <sup>+0</sup>
	Printing width (mm)	48	72
	Speed (mm/sec) max	100	80
	Paper path	Curved	
Detection	Head temperature	By thermistor	
	Platen position	By mechanical switch	
	Out of paper	By photo interrupter	
Power supply (V)	Operation voltage (Vdd)	2.7 to 3.6 / 4.75 to 5.25	
	Operation voltage (Vp)	4.75 to 9.5	
Peak current (A)	Head	3.66 (9.5V/64dots)	3.60 (9.5V/64dots)
	Motor	5.49 (9.5V/96dots)	5.40 (9.5V/96dots)
Service Life	Pulse activation (pulse)	0.6	
	Abrasion resistance (km)	100 million	
Operating temperature (°C)		50 <sup>*1</sup>	
Dimensions (W x D x H mm)	Horizontal	-10 to 50 <sup>*1 *3</sup>	
	Vertical	69.0 x 30.0 x 15.0 <sup>*2</sup>	91.0 x 30.0 x 15.0 <sup>*2</sup>
Mass (g)		69.0 x 15.0 x 30.0 <sup>*2</sup>	91.0 x 15.0 x 30.0 <sup>*2</sup>
Driver		Approx. 40	
		Approx. 58	
		Windows® XP/Vista/7(32bit/64bit), OPOS(XP), Linux	

\*1 Use recommended thermal papers. \*2 Excluding protrusion. \*3 -30°C to 70°C: supported by designated conditions only.

### Interface

Model	IFD501-01UK	IFD501-01SK	
CPU	PTD50P01		
Thermal printer	LTPD245, LTPD345, CAPD245, CAPD345		
Operating voltage (V)	Vp:4.75 to 9.5		
Character matrix (H x W dots)	16 dots characters : 16 x 8, 16 x 16 24 dots characters : 24 x 12, 24 x 24		
Character type	Extended graphics character set	Yes	Yes
	Katakana character set	Yes	Yes
	Codepage 1252	Yes	Yes
	Optional font	Yes	Yes
	Downloaded character	Yes	Yes
	User-defined character	Yes	Yes
	JIS 1&2 level kanji	Yes	Yes
Communication interface	USB (2.0)	Serial (RS-232C)	
Dimensions (W x D x H mm)	69.0 x 50.0 x 14.0		

### CPU

Model	PTD50P01
Thermal printer	LTPD245, LTPD345, CAPD245, CAPD345
Package form	120pin QFP
Operating voltage (V)	Vp:4.75 to 9.5, Vcc: 3.0 to 3.6
Input frequency (MHz)	12 +/- 0.01%
Configuration	C-MOS LSI
Communication interface	Parallel, Serial, USB
Character type	Extended graphics character set, Codepage 1252 Other characters is available with CGs** or external ROM
Character matrix (H x W dots)	16dots characters : 16 x 8, 16 x 16 24dots characters : 24 x 12, 24 x 24
Dimensions (W x D x H mm)	16.0 x 16.0 x 1.7

\*\*4 CG ROM: Japanese



Specifications are subject to change without notice.



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