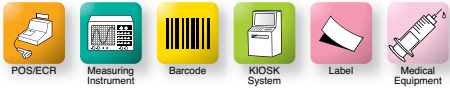
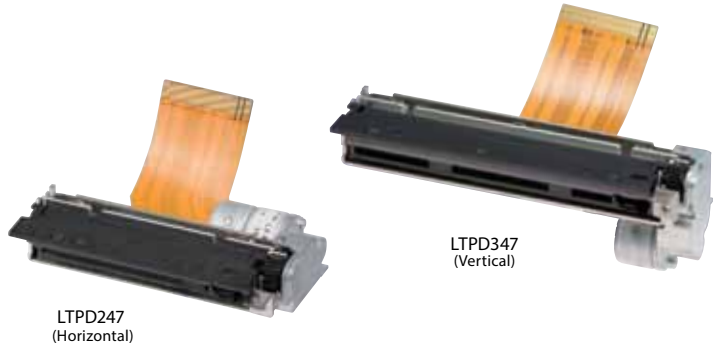


Thermal Printer Mechanism

## LTPD247 / 347



- High performance in compact design
- Max. printing speed: 200mm/sec
- Platen latch function
- Label printing \*Under specific conditions only.
- Various drivers



Model		LTPD247	LTPD347
Printing	Method	Thermal line dot printing	
	Number of dots/line	432	576
	Resolution (dots/mm)	8	
	Paper width (mm)	58 <sup>+0</sup> <sub>-1</sub>	80 <sup>+0</sup> <sub>-1</sub>
	Printing width (mm)	54	72
	Speed (mm/sec) max	200	
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)	21.6 to 26.4	
Peak current (A)	Head	2.61 (26.4V/144dots) 5.23 (26.4V/288dots)	
	Motor	0.44	0.52
Service life	Pulse activation (pulse)	100 million	
	Abrasion resistance (km)	100 *1	
Operating temperature (°C)		-10 to 50	
Dimensions (W x D x H mm)	Horizontal	71.0 x 30.0 x 15.0 *2	91.0 x 30.0 x 15.0 *2
	Vertical	71.0 x 15.0 x 30.0 *2	91.0 x 15.0 x 30.0 *2
Mass (g)		Approx. 56	Approx. 64
Driver		Windows® XP/Vista/7(32bit/64bit), OPOS(XP), Linux	

\*1 Use recommended thermal papers. \*2 Excluding protrusion.

### Interface

Model	IFD001-01UK	IFD001-01SK	
CPU	PTD00P01		
Thermal printer	LTPD247, LTPD347, CAPD247, CAPD347		
Operating voltage (V)	Vp:21.6 to 26.4		
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	PTD00P01
Thermal printer	LTPD247, LTPD347, CAPD247, CAPD347
Package form	120pin QFP
Operating voltage (V)	Vp:21.6 to 26.4, 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*1 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

\*1 CG ROM: Japanese



IFD001-01UK



IFD001-01SK

Specifications are subject to change without notice.



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