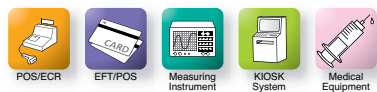


Thermal Printer Mechanism

LTPF Series



- Max printing speed: 220mm/sec
- Platen latch function
- Heavy-duty: 100mil. pulse, 100km
- Auto cutter option (Slide type) available



LTPF347



LTPF247
(With auto cutter)

Model	LTPF247F	LTPF247E	LTPF347F	LTPF347E
Printing	Method			
	Thermal line dot printing			
	Number of dots/line			
	432			
	Resolution (dots/mm)			
	8			
Detection	Paper width (mm)			
	58 ⁺⁰ ₋₁		80 ⁺⁰ ₋₁	
	Printing width (mm)			
	54			
	Speed (mm/sec)max			
	220		100	
Power supply (V)	Operation voltage (V _{dd})			
	4.75 to 5.25			
	Operation voltage (V _p)			
	21.6 to 26.4			
Peak current (A)	Head			
	5.4 (26.4V / 128 dots)		2.6 (26.4V / 144 dots)	
Service life	Motor			
	0.46		0.55	
Operating temperature (°C)	Pulse activation (pulse)			
	100 million			
Dimensions (W x D x H mm)	Abrasion resistance (km)			
	100 *1			
Mass (g)	0 to 50			
	86.2 x 54.0 x 25.8 *2		110.2 x 54.0 x 25.8 *2	
Approx.150		Approx.175		

*1 Use recommended thermal papers *2 Excluding protrusion

Interface

Model	IFF001-02B	IFF001-02BK
CPU	PTF00P01	
Thermal printer	LTPF247F, LTPF347F	
Operating voltage (V)	V _p :21.6 to 26.4, V _{cc} : 4.5 to 5.5	
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
	Katakana character set	No
	Optional font	Yes
	Downloaded character	Yes
	User-defined character	Yes
JIS 1&2 level kanji	No	Yes
Communication interface	Parallel, Serial (C-MOS)	
Dimensions (W x D x H mm)	80.0 x 100.0 x 19.6	

CPU

Model	PTF20P01
Thermal printer	LTPF247E, LTPF347E
Package form	128pin QFP
Operating voltage (V)	V _p :21.6 to 26.4 V _{cc} :4.75 to 5.25
Input frequency (MHz)	18.43 +/- 0.5%
Configuration	C-MOS LSI
Communication interface	Parallel, Serial
Character type	Extended graphics character set, Other characters is available with CGs*3 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 (WxDxH mm)	22.0 x 16.0 x 3.15

*3 CG ROM: Japanese

Auto cutter

Model	ACUF224J	ACUF224H	ACUF324J	ACUF324H
Thermal Printer	LTPF247		LTPF347	
Cutting	Method			
	Slide type			
	Paper width (mm)			
	58 ⁺⁰ ₋₁		80 ⁺⁰ ₋₁	
	Paper thickness (µm)			
	60 to 80 *4			
Operating time (sec/cycle)max	Cutting type			
	Partial cut (Leave center point)	Full cut	Partial cut (Leave center point)	Full cut
	0.6 (24V)			
	10			
Starting current (A)	Cutting pitch (mm)min			
	30			
Life (cut)	Operating time (sec/cycle)max			
	21.6 to 26.4			
Dimensions (W x D x H mm)	Detector (control switch)			
	4.5 to 5.5			
Mass (g)	1.2			
	1,000,000 *5			
80.0 x 64.0 x 19.0		102.0 x 64.0 x 19.0		
Approx.130		Approx.150		

*4 Use recommended thermal papers *5 Depending upon specified conditions.

Winder unit

Model	WU282
Thermal Printer	LTPF247F
Paper width (mm)	58 ⁺⁰ ₋₁
Paper thickness (µm)	70 to 80
Outside diameter of paper roll (mm)max	φ83
Inside diameter of paper roll (mm)min	φ20
Operating Voltage (V)	21.6 to 26.4
Speed (mm/s)max	220
Life (operating hours)	160
Dimensions (W x D x H mm)	87.8 x 92.0 x 97.6
Mass (g)	Approx.136

Specifications are subject to change without notice.



Seiko Instruments GmbH
Siemensstraße 9
D-63263 Neu-Isenburg, Germany
Phone +49 6102 297 100

info@seiko-instruments.de
www.seiko-instruments.de
Fax +49 6102 297 50 100

