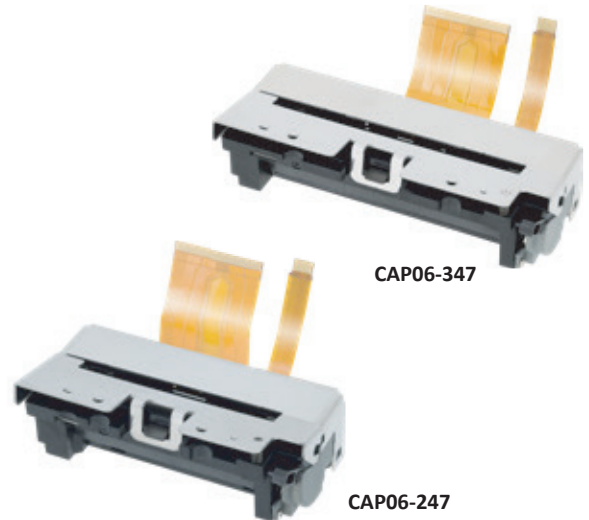


Thermal Printer Mechanism

# CAP06-247/347



- Build in Auto paper cutter
- Easy paper operation
- Max. printing speed: 250mm/sec
- Resolution: 8 dots/mm



Model	CAP06-247	CAP06-347	
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>	58 <sup>+0</sup> <sub>-1</sub> / 80 <sup>+0</sup> <sub>-1</sub>
	Printing width (mm)	54	72
	Speed (mm/sec) max	250	
	Paper path	Curved	
Detection	Head temperature	By thermistor	
	Platen position detection	By mechanical switch	
	Out of paper detection	By photo interrupter	
	Cutter home position	By photo interrupter	
Power supply (V)	Operation voltage (Vdd)	3.0 to 3.6	
	Operation voltage (Vp)	21.6 to 26.4	
Peak current (A)	Head	10.3 (26.4 V / 288 dots)	10.2 (26.4 V / 288 dots)
	Motor	1.0	
	Cutter	0.64	
Auto Cutter	Method	Slide type	
	Paper thickness (μm)	48 to 80* <sup>1</sup>	
	Cutting type	Full cut / Partial cut (Leave center point)	
	Operating time (sec/cycle) max	0.5	
	Cutting pitch (mm) min	10	
Service Life	Cut frequency (cut/min) max	30	
	Pulse activation (pulse)	150 million	
	Abrasion resistance (km)	150	
Life (cut)	1,500,000		
Operating temperature (°C)	-10 to 50		
Dimensions (W×D×H mm)	87.5 × 43.9 × 27.2* <sup>2</sup>	106.5 × 43.9 × 27.2* <sup>2</sup>	
Mass (g)	Approx.140	Approx.163	

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

## Interface

Model	IF06-7U	IF06-7S
CPU	PT06-57 SU	
Thermal Printer	CAP06-247, CAP06-347	
Operating voltage (V)	Vp: 21.6 to 26.4	
Character matrix (H×W dots)	16 dots characters: 16 × 8 , 16 × 16	
	24 dots characters: 24 × 12 , 24 × 24	
Character type	Codepage (13 types), Katakana character set, User-defined character, Downloaded character, Optional font, JIS 1st and 2nd level Kanji, Special characters	
Communication interface	USB (2.0)	Serial (RS-232 C)
Dimensions (W×D×H mm)	69.0 × 50.0 × 14.0	
Software* <sup>3</sup>	Printer Driver/SDK, OPOS Driver, POS for .NET Driver, Linux® CUPS Filter/SDK	

\*3 Please see official homepage "www.sii-ps.com" for detail.

## CPU

Model	PT06-57SU
Thermal printer	CAP06-247, CAP06-347
Package form	144 pin UFBGA
Operating voltage (V)	Vp: 21.6 to 26.4 Vcc: 3.0 to 3.6
Input frequency (MHz)	12 ± 0.01 %
Configuration	C-MOS / TTL LSI
Communication interface	Serial, USB
Built-in characters	Codepage (13 types), Katakana character set
Additional characters	CG ROM* <sup>4</sup>
Character matrix (H×W dots)	16 dots characters: 16 × 8, 16 × 16
	24 dots characters: 24 × 12, 24 × 24
Dimensions (W×D×H mm)	10.0 × 10.0 × 0.53
Software* <sup>5</sup>	Printer Driver/SDK, OPOS Driver, POS for .NET Driver, Linux® CUPS Filter/SDK

\*4 CG ROM: Japanese \*5 Please see official homepage "www.sii-ps.com" for detail.

Official site <http://www.sii.com.tw/>



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