

AVNET EMBEDDED SPECIFICATION.

Datasheet
Seiko Instruments
CAP9247_9347

CAP Series

CAP9247 & CAP9347

The compact, durable and high performance CAP9000 series are prepared for a number of heavy duty applications. The rugged technology even allows outdoor printing and is ideal for unattended applications including kiosks, ATMs, gasoline POS and parking.

Despite the compactness of the design, an auto cutter is integrated. Furthermore, CAP9000 can accommodate very large paper rolls and a range of paper thicknesses, from receipts to tickets.

- Wide operating temperature range: -20 °C to 60 °C
- Ultra high speed printing: up to 250 mm/s at 8 dots/mm
- Highly reliable: 150 million pulses or more
- Integrated auto cutter (one million cuts)
- Release function of the platen for easy head maintenance
- Parallel, serial or USB interface



CAP9247



CAP9347

Model	CAP9247	CAP9347	
Printing	Method	Thermal dot line printing	
	Number of dots/line	448	640
	Resolution (dots/mm)	8	
	Paper width (mm)	58 ¹⁾ / 60 ¹⁾	80 ¹⁾ / 82.55 ¹⁾
	Printing width (mm)	54/56	76/80
	Speed max. (mm/s)	250	
	Paper path	Curved/Straight	
Detection	Head temperature	By thermistor	
	Out-of-paper detection	By photo interrupter	
	Mark position detection	By photo interrupter	
	Platen position detection	By mechanical switch	
	Cutter position detection	By mechanical switch	
Power supply (V)	Operating Voltage (V _{dd})	4.75 to 5.25	
	Operating Voltage (V _p)	21.6 to 26.4	
Peak current (A)	Head	5.9 (26.4V / 128 dots)	
	Motor	1.0	
Cutting	Method	Slide type	
	Paper thickness (µm)	57 to 155 ¹⁾	
	Cutting type	Full cut/Partial cut (Leave center point)	
	Operating time max. (s/cycle)	2	
	Cutting pitch (mm) min	10	
	Cut frequency max. (cut/min)	30	
Service Life	Pulse activation (pulse)	150 million	
	Abrasion resistance (km)	150 ²⁾	
	Autocutter (cut)	1 million	
Operating temperature (°C)	-20 to 60		
Dimensions (W x D x H) mm	90 x 50 x 30 ²⁾	112 x 50 x 30 ²⁾	
Weight (g)	Approx. 250	Approx. 290	

¹⁾ Use recommended thermal papers.

²⁾ Excluding protrusion

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