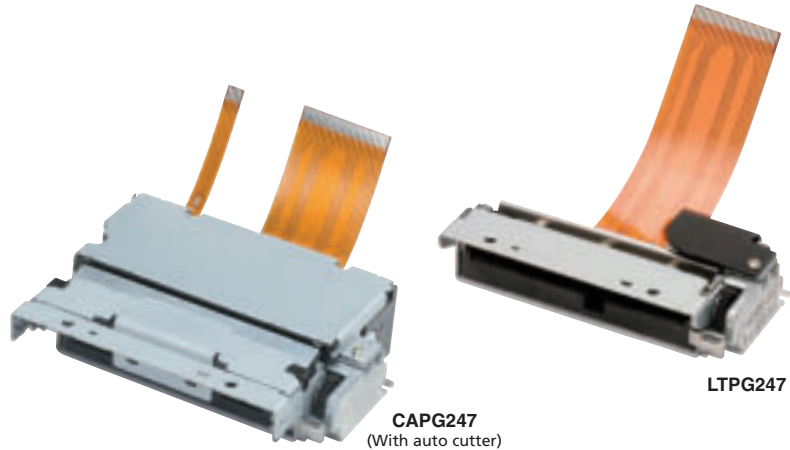


Thermal Printer Mechanism

CAPG247 LTPG247



Max printing speed: 150mm/sec

Small and compact

Easy paper operation

Windows® drivers (Windows® 2000/XP) *In use with IFG001-01SK/010K

Model		CAPG247	LTPG247
Printing	Method	Thermal line dot printing	
	Number of dots/line	432	
	Resolution(dots/mm)	8	
	Paper width(mm)	58 ^{*0}	
	Printing width(mm)	54	
	Speed(mm/sec)max	150	
	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 mechanical switch	—
Power supply(V)	Operation Voltage(Vdd)	3.14 to 3.46 / 4.75 to 5.25	
	Operation Voltage(Vp)	21.6 to 26.4	
Peak current(A)	Head	5.2 (26.4V / 288 dots)	
	Motor	0.4 / 0.37 *1	
Auto Cutter	Cutter	0.5	—
	Method	Slide type	—
	Paper thickness(μm)	54 to 80 *2	—
	Cutting type	Full cut / Partial cut (Leave center point)	—
	Operating time(sec/cycle)max	0.5	—
	Cutting pitch(mm)min	10	—
	Cut frequency(cut/min)max	30	—
Service life	Pulse activation(pulse)	100 million	
	Abrasion resistance(km)	100 *2	
	Life(cut)	1,000,000	—
Operating temperature(°C)		0 to 50	
Dimensions(W x D x H mm)		80.5 x 65.0 x 22.2 *3	79.5 x 43.0 x 17.4 *3
Mass(g)		Approx.180	Approx.80

*1 2-2 phase and W1-2 excitation method *2 Use recommended thermal papers *3 Excluding protrusion
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Interface

Model	IFG001-01SK	IFG001-01UK	
CPU	PTG00P01		
Thermal printer	CAPG247, LTPG247		
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	Optional font	Yes	Yes
	Downloaded character	Yes	Yes
	User-defined character	Yes	Yes
	Extend graphics character set	Yes	Yes
	Katakana character set	Yes	Yes
JIS 1&2 level kanji	Yes	Yes	
Communication interface	Serial(RS-232C)	USB	
Dimensions(W x D x H mm)	75.0 x 75.0 x 16.0		



IFG001-01UK

CPU

Model	PTG00P01
Thermal printer	CAPG247, LTPG247
Package form	128pin QFP
Operating voltage(V)	Vp:21.6 to 26.4, Vcc:3.0 to 3.6
Operating frequency(MHz)	18.43 +/-0.5%
Configuration	C-MOS LSI
Communication interface	Parallel, Serial, USB
Character type	Extended graphics character set, Other characters is available with CGs*1
Character matrix (H x W dots)	16 dots characters : 16 x 8, 16 x 16 24 dots characters : 24 x 12, 24 x 24
Dimensions(W x D x H mm)	22.0 x 16.0 x 3.15

*1 CG ROM: Japanese

Low Voltage

24Volt

Mobile Printer

Standalone Printer Unit

Panel-Mount Printer Unit

Sub-assembled Printer Unit

Other Models Line up

Safety Precautions