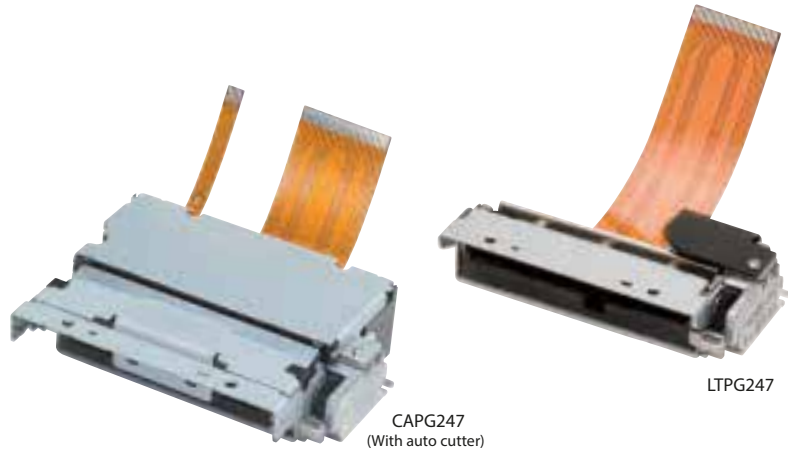
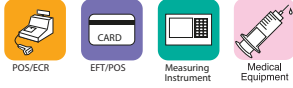


Thermal Printer Mechanism

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 ₋₁	
	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	—
Service life	Cut frequency(cut/min)max	30	—
	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
Windows * is the registered trademark of Microsoft Corporation (USA).

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
	Downloaded character	Yes
	User-defined character	Yes
	Extend graphics character set	Yes
	Katakana character set	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	

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



IFG001-01UK

CONSULTING DISTRIBUTOR

POHL POHL Electronic GmbH
 Eduard-Moore-Strasse 11a • 16761 Hennigsdorf
 Tel. +49 3302 81893-0 • Fax +49 3302 81893-99
 www.pohl-electronic.de • info@pohl-electronic.de

Low Voltage

24Volt

Mobile Printer

Standalone Printer Unit

Panel-Mount Printer Unit

Sub-assembled Printer Unit

Other Models Line up

Safety Precautions