

Panel-Mount Printer Unit

## LTPG247



- Max printing speed: 150mm/sec
- Platen latch function
- Windows® driver (XP / Vista) \*32bit
- OPOS driver (XP) \*In use with IFG001-03SK
- Linux driver



LTPG247

| Model                      |                                      | LTPG247                        |
|----------------------------|--------------------------------------|--------------------------------|
| Printing                   | Method                               | Thermal line dot printing      |
|                            | Number of dots/line                  | 432                            |
|                            | Resolution (dots/mm)                 | 8                              |
|                            | Paper width (mm)                     | 58 <sup>+0</sup> <sub>-1</sub> |
|                            | Printing width (mm)                  | 54                             |
|                            | Speed (mm/sec)max                    | 150                            |
|                            | Paper path                           | Curved                         |
| Detection                  | Head temperature                     | By thermistor                  |
|                            | Platen position                      | By mechanical switch           |
|                            | Out of paper                         | By photo interrupter           |
| Power supply (V)           | Operation voltage (V <sub>dd</sub> ) | 3.14 to 3.46 / 4.75 to 5.25    |
|                            | Operation voltage (V <sub>p</sub> )  | 21.6 to 26.4                   |
| Peak current (A)           | Head                                 | 5.2 (26.4V / 288 dots)         |
|                            | Motor                                | 0.4 / 0.37 *1                  |
| Service life               | Pulse activation (pulse)             | 100 million                    |
|                            | Abrasion resistance (km)             | 100 *2                         |
| Operating temperature (°C) |                                      | 0 to 50                        |
| Dimensions (W x D x H mm)  |                                      | 79.5 x 43.0 x 17.4 *3          |
| Mass (g)                   |                                      | Approx. 80                     |

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

### CPU

| Model                            | PTG00P01  |
|----------------------------------|---|
| Thermal printer                  | LTPG247   |
| Package form                     | 128pin QFP  |
| Operating voltage (V)            | V <sub>p</sub> :21.6 to 26.4, V <sub>cc</sub> :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,<br>Other characters is available with CGs*4  |
| Character matrix<br>(H x W dots) | 16 dots characters : 16 x 8, 16 x 16<br>24 dots characters : 24 x 12, 24 x 24 |
| Dimensions (W x D x H mm)        | 22.0 x 16.0 x 3.15  |

\*4 CG ROM: Japanese

### Winder unit

| Model                                  | WU282                          |
|--|--------------------------------|
| Thermal printer                        | LTPG247                        |
| Paper width (mm)                       | 58 <sup>+0</sup> <sub>-1</sub> |
| 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                    |

### Interface

| Model                         | IFG001-03SK   |     |
|-------------------------------|---|-----|
| CPU                           | PTG00P01  |     |
| Thermal printer               | LTPG247   |     |
| Operating voltage (V)         | V <sub>p</sub> :21.6 to 26.4  |     |
| Character matrix (H x W dots) | 16 dots characters : 16 x 8, 16 x 16<br>24 dots characters : 24 x 12, 24 x 24 |     |
| Character type                | Extended graphics character set   | Yes |
|                               | Katakana character set  | Yes |
|                               | Optional font   | Yes |
|                               | Downloaded character  | Yes |
|                               | User-defined character  | Yes |
|                               | JIS 1&2 level kanji   | Yes |
| Communication interface       | Serial (RS-232C)  |     |
| Dimensions (W x D x H mm)     | 75.0 x 75.0 x 16.0  |     |

Specifications are subject to change without notice.



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