

Contributing to set design flexibility with compact and lightweight mechanisms.



| Items | Specifications |
|-----------------|----------------|
| Paper setting | Easy loading |
| Printing method | Line thermal |

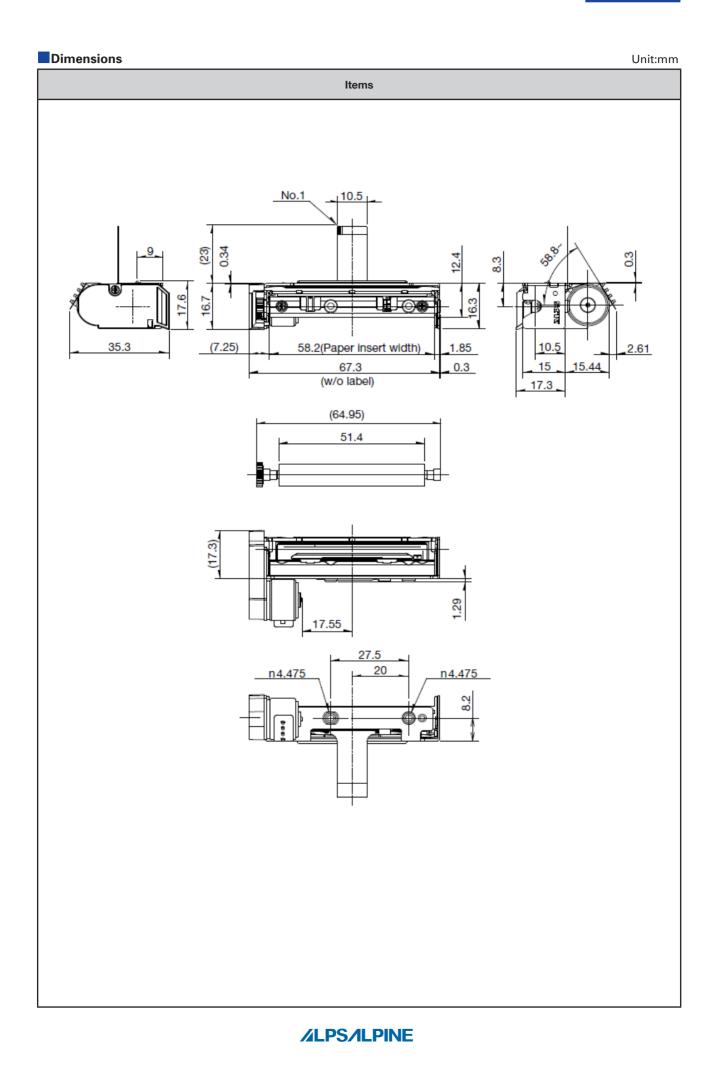
Specifications

| Items | | Specifications |
|--------------------------|----------------------|---|
| Number of dots per line | | 384 dots |
| Density of dot | Horizontal density | 8 dots/mm |
| | Dot pitch | 0.125mm |
| | Vertical density | 8 (16) dots/mm |
| | Paper feed pitch | 0.125mm/2 steps |
| Printing speed | Max speed | 90mm/s |
| Printing width | | 48mm |
| Paper width | | 58mm+0-1 |
| Paper thickness | | - |
| Pulling force | | 0.49N (50gf) or more |
| Holding force | | 0.98N (100gf) or more |
| Sensor | Head temp. sensor | No |
| | Lock sensor | No |
| | Paper sensor | Reflective photo interrupter |
| Operating voltage | Head and motor drive | 4.2V to 9.5V |
| | Head logic | 2.7V to 5.25V |
| Current consumption | Head drive | 3.3A/Head |
| | Motor drive | 300mA/Phase |
| | Head logic | 24mA (at 5V) |
| Temperature | Print quality | 0 to 40°C |
| | Operating | -5 to 50℃ |
| | Storage | -25 to 70°C |
| Head life | Abrasion resistance | 50km |
| | Pulse activation | 100Mil pulses |
| Mechanical dimensions | Width (W) | 67.6 |
| | Depth (D) | 17.6 |
| | Height (H) | 35.2 |
| Weight | | approx. 36g |
| Recommended paper | | Nippon Paper TF50KS-E2(Blumberg TF 00 2200) |
| Platen cover | | No |
| Release lever | | No |
| (Head) Pressed by | | Plate spring |
| FPC location | | Center |
| Motor diameter | | φ15 |
| Motor resistance | | 10Ω |
| Head resistance | | 200Ω |





Compact Thermal Printer PTMBL1A



Mouser Electronics

Authorized Distributor

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Alps Alpine: <u>PTMBL1A</u>