

# Specifications of TM-U220 Series Dot Matrix Printer

|                         |                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Print method            | 9-pin, serial impact dot matrix                                                                                                                                         |
| Print font              | Font 7 x 9 / 9 x 9                                                                                                                                                      |
|                         | Column capacity (columns) 40 / 42 or 33 / 35                                                                                                                            |
|                         | Character size (mm) 1.2 (W) x 3.1 (H) / 1.6 (W) x 3.1 (H)                                                                                                               |
|                         | Character set 95 Alphanumeric, 37 International, 128 x 12 Graphic<br>Traditional / Simplified Chinese, Thai, Japanese, Korean                                           |
|                         | Characters per inch 17.8 / 16 cpi or 14.5 / 13.3 cpi                                                                                                                    |
| Interfaces              | RS-232, Bi-directional parallel,<br>Dealer option: USB, 10 Base-T I/F                                                                                                   |
| Data buffer             | 4 KB or 40 bytes                                                                                                                                                        |
| Print speed             | 4.7 lps (at 40 columns, 16 cpi), 6.0 lps (at 30 columns, 16 cpi)                                                                                                        |
| Paper                   | Dimensions (mm) Roll paper: 57.5 ± 0.5, 69.5 ± 0.5, 76.0 ± 0.5, (W) x dia. 83.0                                                                                         |
|                         | Thickness 0.06 to 0.085                                                                                                                                                 |
| Copy capability         | One original and one copy                                                                                                                                               |
| Inked ribbon            | ERC-38 (Purple, Black, Black / Red)                                                                                                                                     |
| Ribbon life             | Purple: 4 x 10 <sup>6</sup> characters, Black: 3 x 10 <sup>6</sup> characters<br>B / R: 15 x 10 <sup>5</sup> characters (Black) / 75 x 10 <sup>4</sup> characters (Red) |
| Power                   | AC adapter (included)                                                                                                                                                   |
| Power consumption       | 24V                                                                                                                                                                     |
| D.K.D.function          | 2 drivers                                                                                                                                                               |
| Reliability             | MTBF: 18 x 10 <sup>4</sup> hours<br>MCBF: 18 x 10 <sup>6</sup> lines                                                                                                    |
| Overall dimensions (mm) | Type A: 160 (W) x 286 (D) x 157.5 (H)<br>Type B: 160 (W) x 248 (D) x 138.5 (H)<br>Type D: 160 (W) x 248 (D) x 138.5 (H)                                                 |
| Mass (Approx.)          | Type A: 2.7 kg, Type B: 2.5 kg, Type D: 2.3 kg                                                                                                                          |
| EMC standards           | VCCI class A, FCC class A, CE marking, AS / NZS 3548 class B                                                                                                            |
| Power supply            | Exclusive AC adapter (included)                                                                                                                                         |
| Factory options         | Near-end sensor                                                                                                                                                         |
| Option                  | Wall-hanging bracket WH-10                                                                                                                                              |
| Safety standards        | UL / CSA / TÜV (EN60950)                                                                                                                                                |