

## LM5H40TA

**Black & White DMTN LCD Module**  
(Handheld PC/Measuring Instruments)

### Features

- 14 cm [5.5"] HVGA format
- High contrast (30 : 1) B/W display
- Built-in Backlight (LED)
- Transflective display
- Fast response time (100 ms)
- Wide viewing angle (Horizontal: 80° Vertical: 120°)

### Specifications

| Parameter           |                 | Unit   |
|---------------------|-----------------|--------|
| Display size        | 14 [5.5]        | cm ["] |
| Dot Format (H x V)  | 480 x 320       | dot    |
| Dot Pitch (H x V)   | 0.24 x 0.24     | mm     |
| Active Area (H x V) | 115.2 x 76.8    | mm     |
| Panel Type          | DMTN            | -      |
| Panel Mode          | Transflective   | -      |
| Color               | B/W             | color  |
| Contrast            | 30 : 1/15 : 1*1 | -      |
| Response Time       | 100             | ms     |

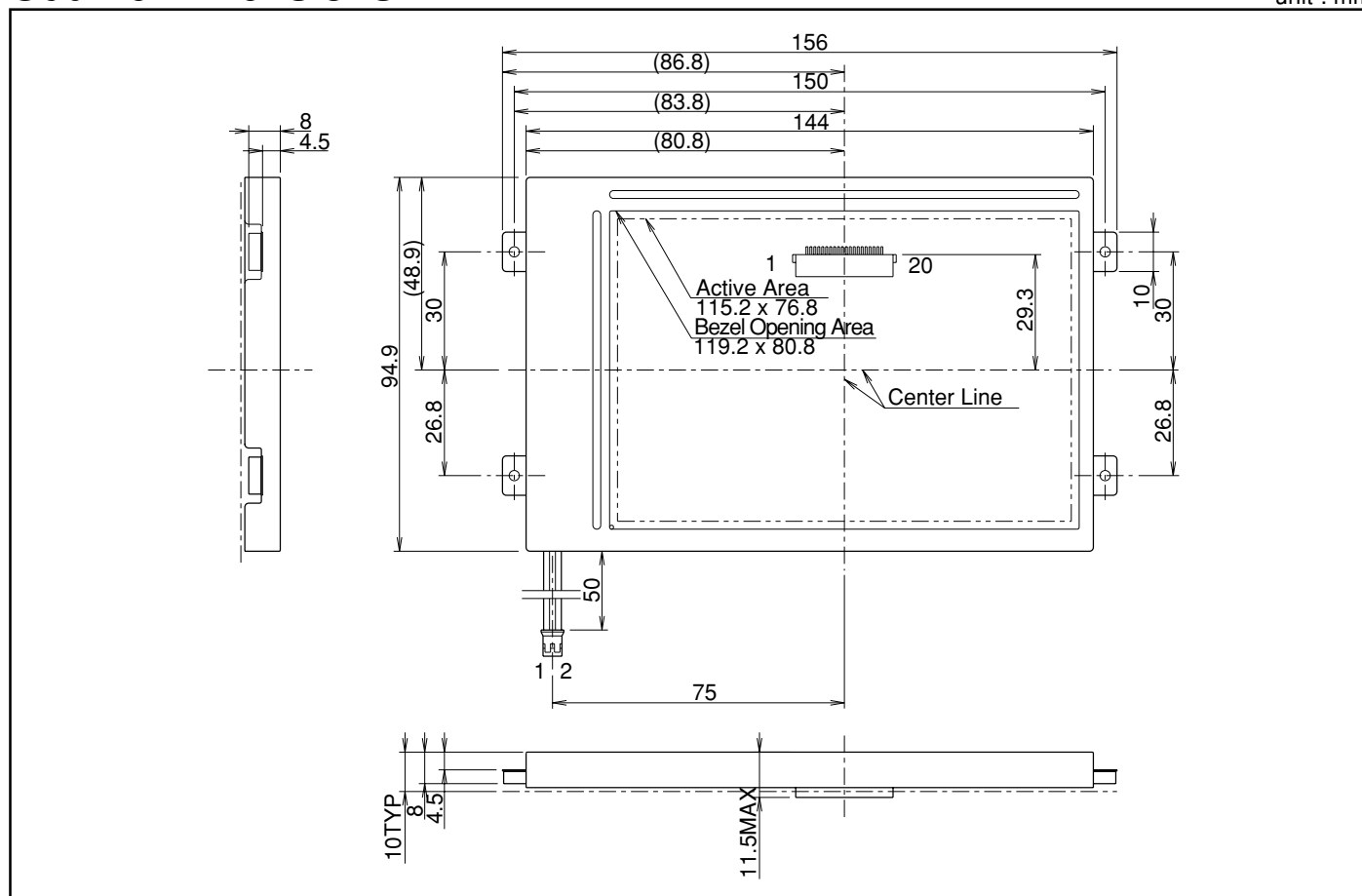
\*1...Contrast ratio : Reflective / Transmissive

\*2...( ) value ... Including mounting tabs.

| Parameter                         |                           | Unit              |
|-----------------------------------|---------------------------|-------------------|
| Brightness                        | 15                        | cd/m <sup>2</sup> |
| Duty Ratio                        | 1/321 to 1/328            | -                 |
| Backlight                         | LED                       | -                 |
| Power Consumption Reflective Mode | 50                        | mW                |
| Transmissive Mode                 | 700                       | mW                |
| Outline dimensions (W x H x D)    | 144.0(156)*2x 94.9 x 11.5 | mm                |
| Weight                            | 150                       | g                 |
| Operating temperature             | 0 to +60                  | °C                |
| Storage temperature               | -15 to +75                | °C                |

### Outline Dimensions

unit : mm



In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that may occur in using any SHARP devices shown in catalogs, data books, etc. Contact SHARP in order to obtain the latest device specification sheets before using any SHARP device. Specifications are subject to change without notice for improvement.