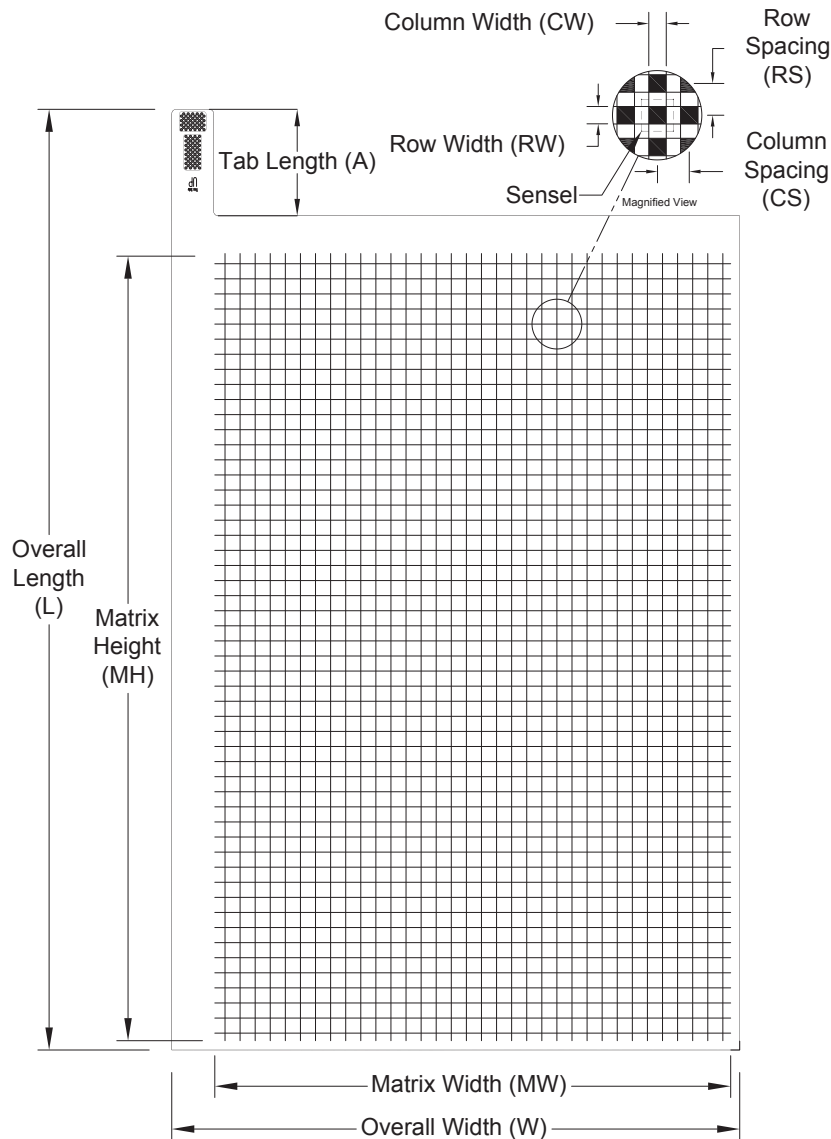


## PRESSURE MAPPING, FORCE MEASUREMENT, AND TACTILE SENSORS



| General Dimensions         |                           |                        |                           |                            | Sensing Region Dimensions |                    |             |           |                    |             | Summary              |                           |
|----------------------------|---------------------------|------------------------|---------------------------|----------------------------|---------------------------|--------------------|-------------|-----------|--------------------|-------------|----------------------|---------------------------|
| Overall Length<br><i>L</i> | Overall Width<br><i>W</i> | Tab Length<br><i>A</i> | Matrix Width<br><i>MW</i> | Matrix Height<br><i>MH</i> | Columns                   |                    |             | Rows      |                    |             | Total No. of Sensels | Sensel Spatial Resolution |
|                            |                           |                        |                           |                            | <i>CW</i>                 | Pitch<br><i>CS</i> | <i>Qty.</i> | <i>RW</i> | Pitch<br><i>RS</i> | <i>Qty.</i> |                      |                           |
| (mm)                       | (mm)                      | (mm)                   | (mm)                      | (mm)                       | (mm)                      | (mm)               |             | (mm)      | (mm)               |             |                      | (sensel per sq-cm)        |
| 1060.0                     | 640.0                     | 120.0                  | 578.0                     | 884.0                      | 10.0                      | 17.0               | 34          | 10.0      | 17.0               | 52          | 1,768                | 0.3                       |
| (in)                       | (in)                      | (in)                   | (in)                      | (in)                       | (in)                      | (in)               |             | (in)      | (in)               |             |                      | (sensel per sq-in)        |
| 41.73                      | 25.20                     | 4.72                   | 22.76                     | 34.80                      | 0.394                     | 0.669              | 34          | 0.394     | 0.669              | 52          | 1,768                | 2.2                       |

### Pressure Ranges

|     |    |
|-----|----|
| kPa | 28 |
| psi | 4  |