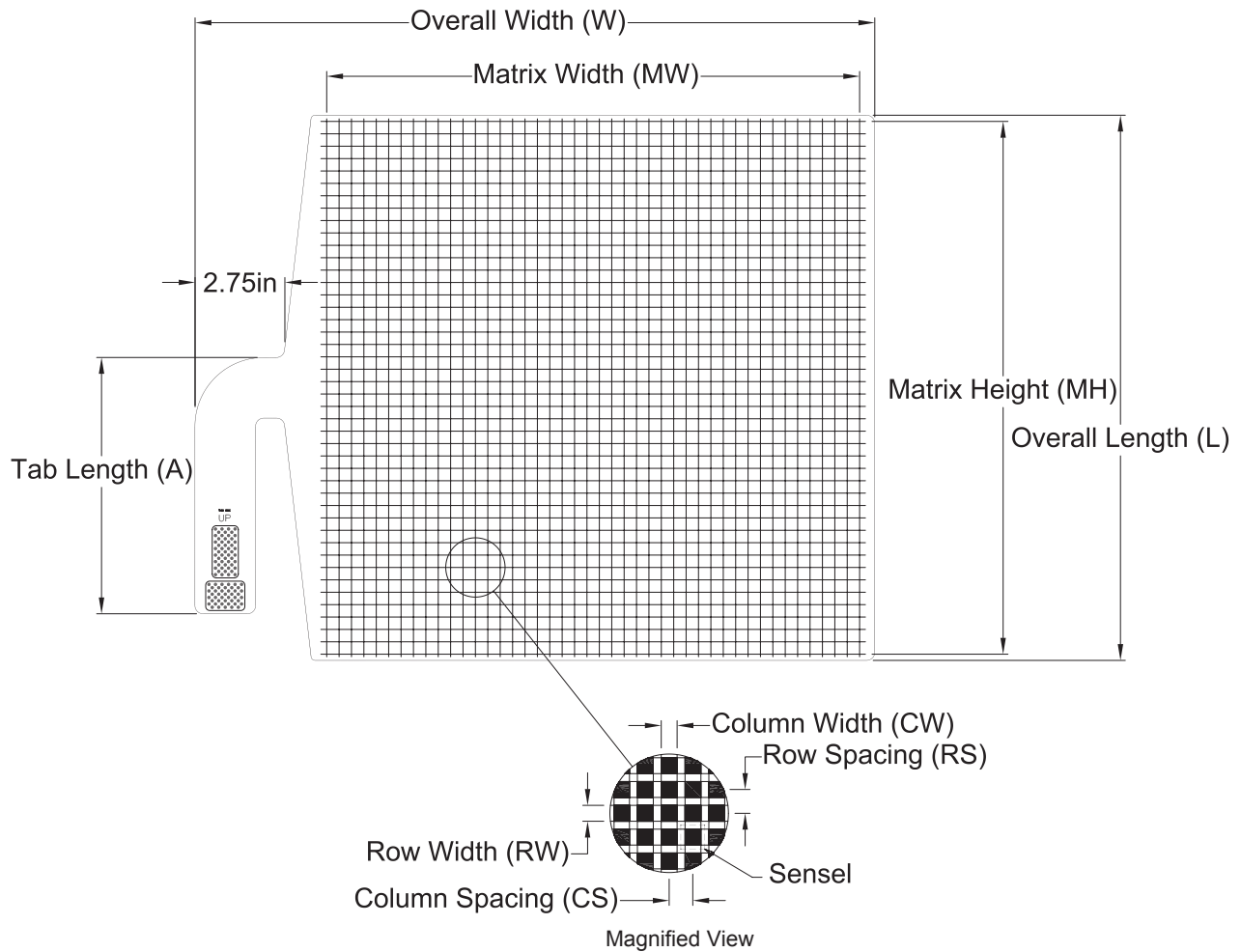


PRESSURE MAPPING, FORCE MEASUREMENT, AND TACTILE SENSORS



| General Dimensions | | | Sensing Region Dimensions | | | | | | Summary | | | |
|----------------------------|---------------------------|------------------------|---------------------------|----------------------------|-----------|--------------------|-------------|-----------|--------------------|-------------|----------------------|---------------------------|
| Overall Length <i>L</i> | Overall Width <i>W</i> | Tab Length <i>A</i> | Matrix Width <i>MW</i> | Matrix Height <i>MH</i> | Columns | | | Rows | | | Total No. of Sensels | Sensel Spatial Resolution |
| | | | | | <i>CW</i> | Pitch <i>CS</i> | <i>Qty.</i> | <i>RW</i> | Pitch <i>RS</i> | <i>Qty.</i> | | |
| (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | | (mm) | (mm) | | | (sensel per sq-cm) |
| 424.7 | 529.5 | 202.8 | 424.7 | 424.7 | 3.6 | 9.7 | 44 | 6.6 | 9.7 | 44 | 1,936 | 1.1 |
| (in) | (in) | (in) | (in) | (in) | (in) | (in) | | (in) | (in) | | | (sensel per sq-in) |
| 16.72 | 20.85 | 7.99 | 16.72 | 16.72 | 0.140 | 0.380 | 44 | 0.260 | 0.380 | 44 | 1,936 | 6.9 |

Pressure Ranges

| | | |
|------------|-------|-------|
| kPa | 2,069 | 3,448 |
| psi | 300 | 500 |