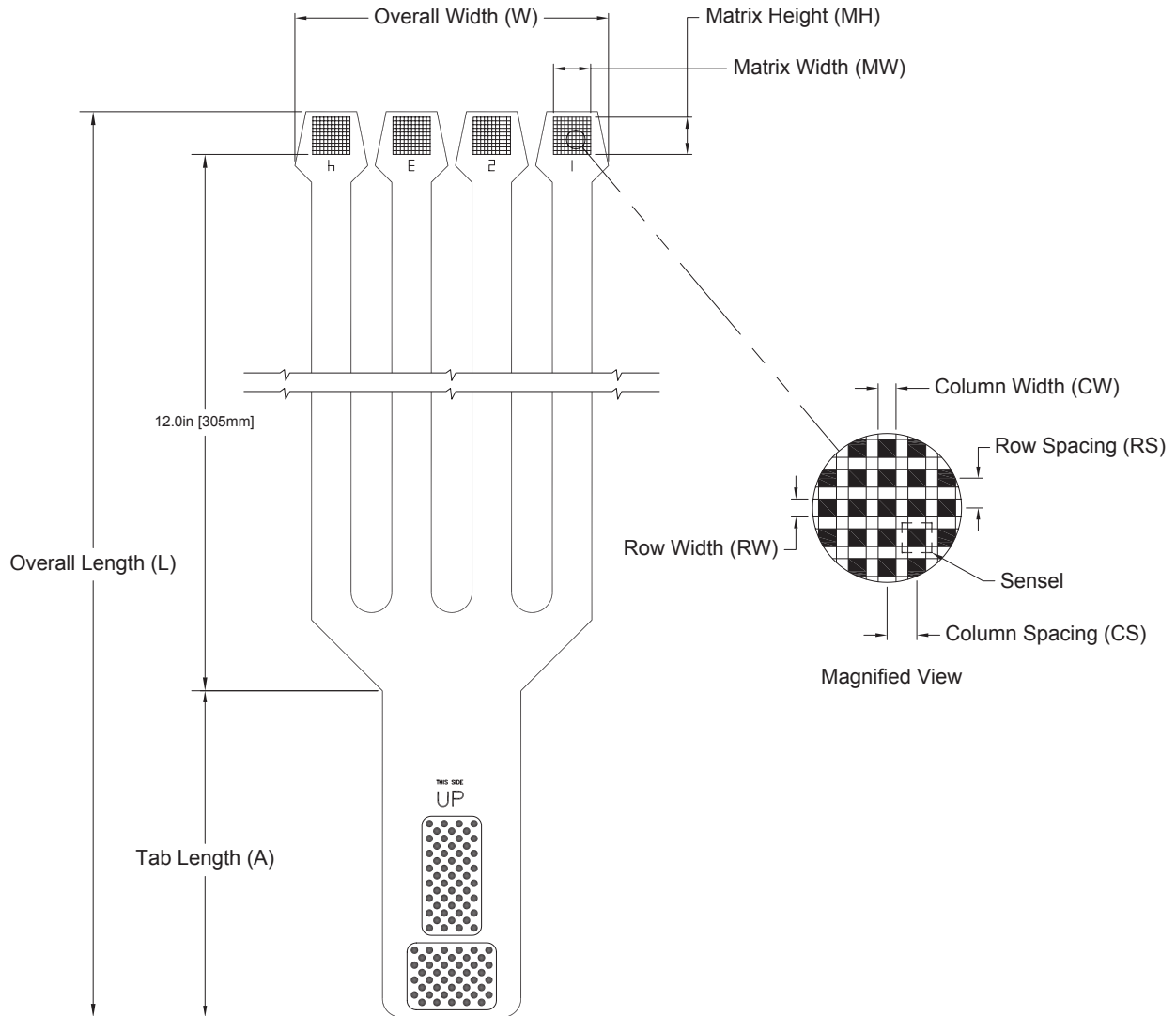


PRESSURE MAPPING, FORCE MEASUREMENT, AND TACTILE SENSORS



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) 431.8 | (mm) 107.0 | (mm) 111.4 | (mm) 14.0 | (mm) 14.0 | (mm) 0.6 | (mm) 1.3 | 11 | (mm) 0.6 | (mm) 1.3 | 11 | 121 | (sensel per sq-cm) 62.0 |
| (in) 17.00 | (in) 4.21 | (in) 4.39 | (in) 0.55 | (in) 0.55 | (in) 0.025 | (in) 0.050 | 11 | (in) 0.025 | (in) 0.050 | 11 | 121 | (sensel per sq-in) 400.0 |

Pressure Ranges

| | |
|-----|--------|
| kPa | 68,950 |
| psi | 10,000 |