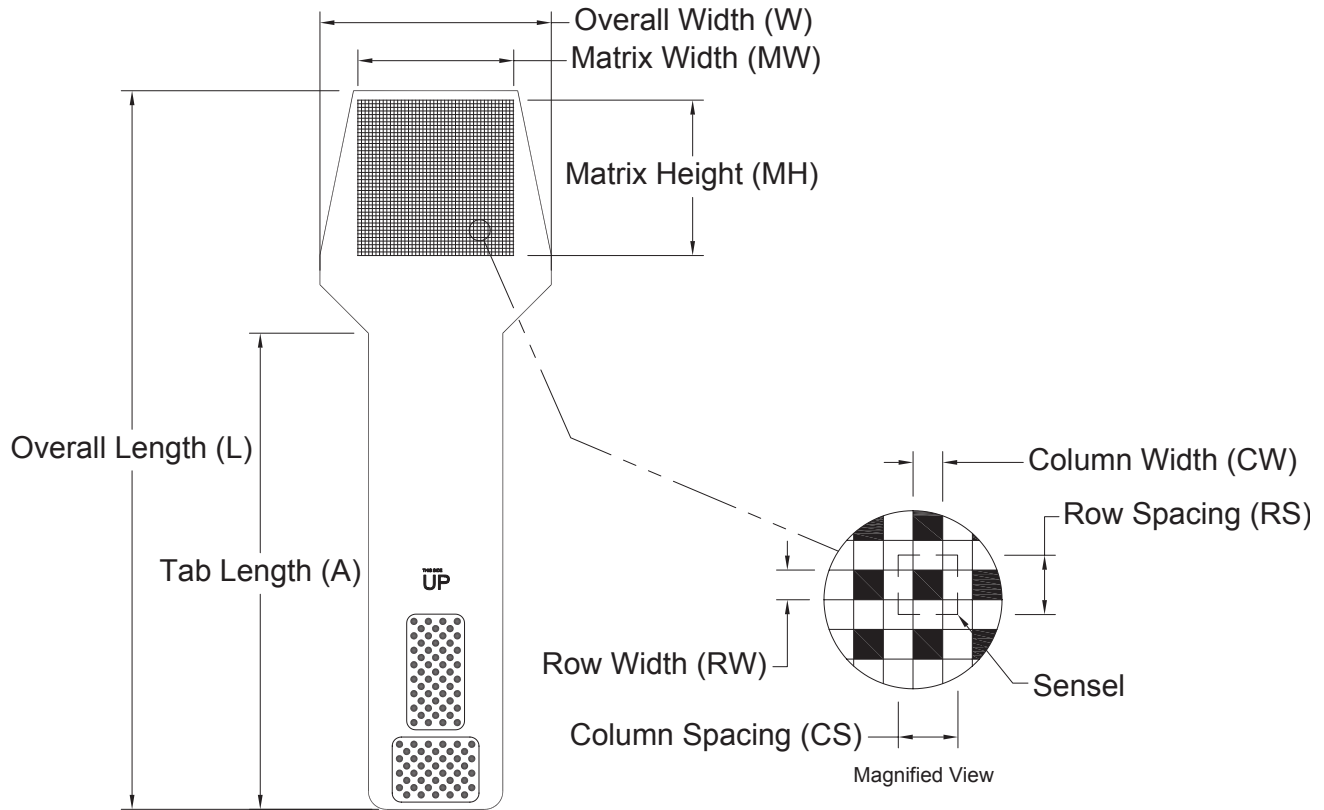


PRESSURE MAPPING, FORCE MEASUREMENT, AND TACTILE SENSORS



General Dimensions			Sensing Region Dimensions						Summary			
Overall Length	Overall Width	Tab Length	Matrix Width	Matrix Height	Columns			Rows		Total No. of Sensels	Sensel Spatial Resolution	
<i>L</i>	<i>W</i>	<i>A</i>	<i>MW</i>	<i>MH</i>	<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)
252.5	81.3	166.2	55.9	55.9	0.8	1.3	44	0.8	1.3	44	1,936	62.0
(in)	(in)	(in)	(in)	(in)	(in)	(in)		(in)	(in)			(sensel per sq-in)
9.94	3.20	6.54	2.20	2.20	0.030	0.050	44	0.030	0.050	44	1,936	400.0

Pressure Ranges										
kPa	48	345	1,034	2,413	3,448	8,274	17,238	34,475	68,950	172,375
psi	7	50	150	350	500	1,200	2,500	5,000	10,000	25,000