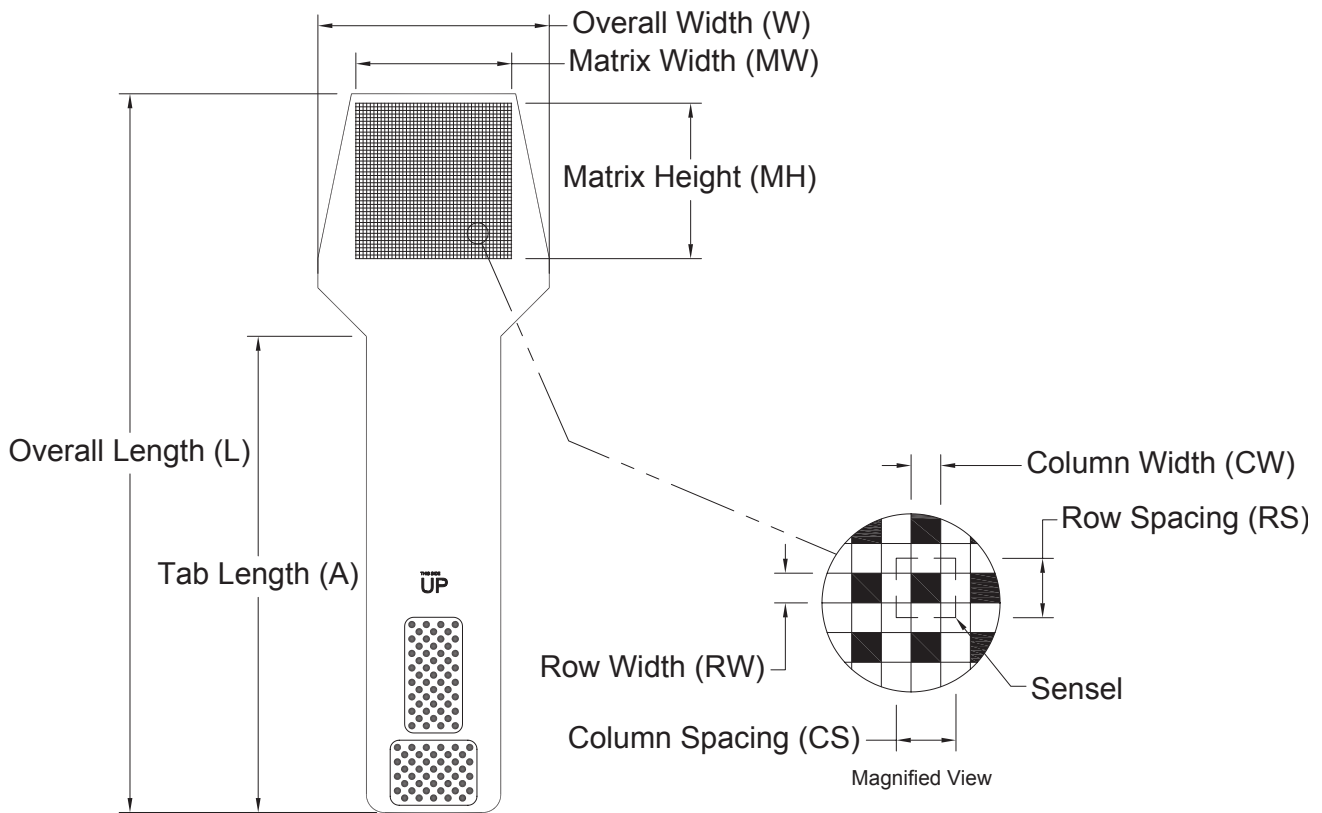


PRESSURE MAPPING, FORCE MEASUREMENT, AND TACTILE SENSORS



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)
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	