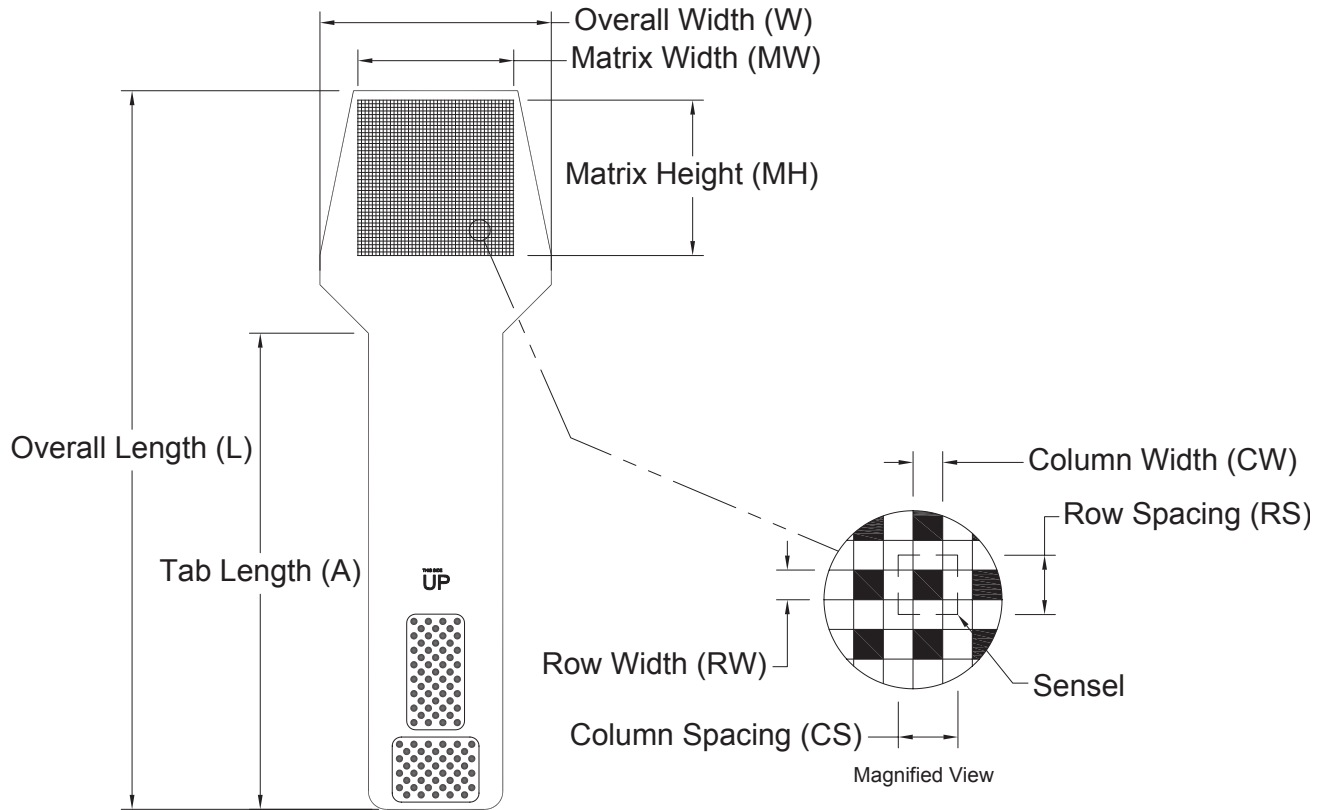


PRESSURE MAPPING, FORCE MEASUREMENT, AND TACTILE SENSORS



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)
305.5	121.3	175.9	83.8	83.8	1.0	1.9	44	1.0	1.9	44	1,936	27.6
(in)	(in)	(in)	(in)	(in)	(in)	(in)		(in)	(in)			(sensel per sq-in)
12.03	4.78	6.93	3.30	3.30	0.040	0.075	44	0.040	0.075	44	1,936	177.8

Pressure Ranges								
kPa	345	2,413	3,448	6,895	20,685	34,475	68,950	103,425
psi	50	350	500	1,000	3,000	5,000	10,000	15,000