

SOLDERLESS BREADBOARD

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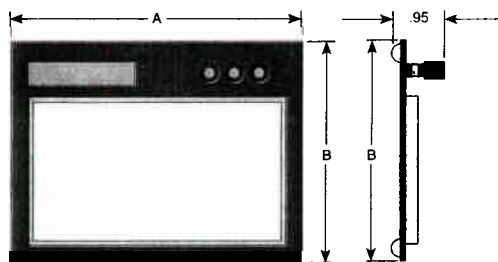
Solderless Breadboards

3M Series 300 Breadboards incorporate state-of-the-art techniques in design and fabrication to yield a circuit-building system with unparalleled flexibility and reliability.

A voltage distribution system is integrated with the basic component breadboarding matrix, and 5-way binding posts provide the interface for connections from the power supply, signal generators or other external equipment.

All models incorporate the 3M laboratory-proven multi-tie-point terminal design for convenient, solderless, plug-in circuit building. Each terminal position contains electrically connected tie-points spaced on a continuous .100" matrix to accept any component with .100" lead spacing as well as components whose leads can be dressed to fit.

The surface of the steel base is high gloss baked enamel for protection. Rubber feet prevent sliding during benchwork.



- Simply plug in components and interconnect with ordinary 22-gauge solid wire. Time consuming soldering is eliminated and all components can be used again and again.
- Alpha-numeric identification along the strips allows for fast and easy layout designs and project applications. Every tie-point position on the strip can quickly be identified by a letter and number combination.
- 3M jumper wires are included.
- The sturdy metal base plate serves as a ground plane to help minimize noise and voltage spikes in today's high-speed circuits.
- DIPs of all sizes and a wide variety of discrete components with lead diameters of up to .032" can be used.
- By jumping across the center area, full length distribution buses can be created vertically.
- Use the 5-way binding posts for easy connection to ground, power supply, or other external equipment.

Model	Part Number	Dip Capacity Up To	Base Dimensions		Total Tie Points	Total Tie Points Terminal	Vertical Distribution Buses	Horizontal Distribution Buses	Binding Post
			A	B					
306	922306	6-14 Pin	5.4" [137.16]	4.0" [101.6]	610	94	0	4	2
309	922309	9-14 Pin	7.0" [177.8]	4.0" [101.6]	840	128	0	8	3
318	922318	18-14 Pin	7.75" [196.85]	6.25" [158.75]	1824	256	4	16	3
327	922327	27-14 Pin	8.0" [203.2]	9.25" [234.95]	2712	384	24	4	4
336	922336	36-14 Pin	10.25" [260.35]	9.25" [234.95]	3648	512	32	4	4
345	922345	45-14 Pin	12.44" [315.976]	9.75" [247.65]	4520	640	40	4	4
354	922354	54-14 Pin	14.69" [373.126]	9.75" [247.65]	5424	768	48	8	4