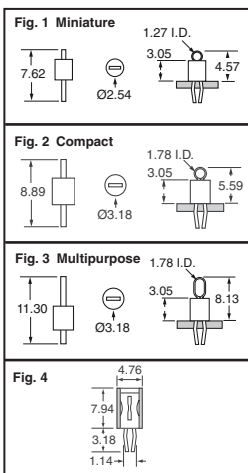


PC Test Points

Features: • Color keyed for visibility and quick identification • Economical choice for PC test point terminations • Snap-fit mounting provides positive retention for wave soldering • Wire form loop for safe, non-slip testing • Space saving, ultra low and low profile designs • High profile for difficult to reach applications • Suitable for high density packaging on .062" (1.57mm) & .093" (2.36mm) PC boards • Practical replacement for wire-wrap posts and turrets • Secure grip for J hooks, EZ hooks, grabbers, alligator clips, tips or probes • Plastic base strengthens terminal for positive holding power • Ideal for reliable production testing and field service troubleshooting

Fig.	Base Color	Digi-Key Part No.	Price Each	10	100	500	Keystone Part No.
1	Red	5000K-ND	.24	.18	.17		5000
	Black	5001K-ND	.24	.18	.17		5001
	White	5002K-ND	.24	.18	.17		5002
	Orange	5003K-ND	.24	.18	.17		5003
	Yellow	5004K-ND	.24	.18	.17		5004
2	Red	5005K-ND	.24	.19	.17		5005
	Black	5006K-ND	.24	.19	.17		5006
	White	5007K-ND	.24	.19	.17		5007
	Orange	5008K-ND	.24	.19	.17		5008
	Yellow	5009K-ND	.24	.19	.17		5009
3	Red	5010K-ND	.24	.19	.17		5010
	Black	5011K-ND	.24	.19	.17		5011
	White	5012K-ND	.24	.19	.17		5012
	Orange	5013K-ND	.24	.19	.17		5013
	Yellow	5014K-ND	.24	.19	.17		5014
4	Red	6043K-ND	1.33	1.05	.95		6043
	Black	6044K-ND	1.33	1.05	.95		6044



SMT Test Points

Miniature: • Ultra low profile ideally suited for advanced surface mount printed circuit board applications • Designed for long life and durability • Manufactured using flat wire to provide a large mounting surface area • Ideal for use with miniature probes, clips, and hooks • Efficient, safe, board level testing
Compact: • Unique design provides exceptional strength and durability • Simplifies testing on dense SMT circuit boards • Ideal for use with most standard probes, clips and hooks • Efficient, safe, board level testing

Fig.	Description	Digi-Key Part No.	50	Cut Tape Price Each	250	500	Digi-Key Part No.	Tape & Reel Pricing 1,000	Keystone Part No.
1	Miniature	5015KCT-ND	.25	.22	.18		5015KTR-ND	113.95	5015
2	Compact	5016KCT-ND	.23	.20	.17		5016KTR-ND	105.95	5016

Binding Post

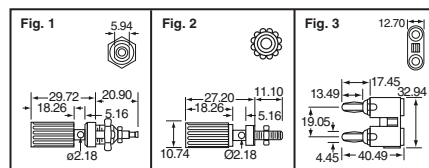
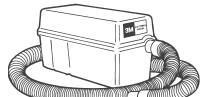


Fig.	Description	Base Color	Digi-Key Part No.	Price Each	1	10	100	Keystone Part No.
1	Standard	Red	7004K-ND	3.30	2.75	2.20		7004
1	Standard	Black	7005K-ND	3.30	2.75	2.20		7005
2	Economy	Red	7006K-ND	3.69	3.08	2.46		7006
2	Economy	Black	7007K-ND	3.69	3.08	2.46		7007
3	Dual Banana Plugs	Red	6088K-ND	10.24	8.54	6.83		6088
3	Dual Banana Plugs	Black	6089K-ND	10.24	8.54	6.83		6089
—	Dual Banana Plugs	—	7021K-ND	5.66	5.08	4.74		7021

3M Electronics Vacuum and Accessories

Electronic Vacuum Complete with hose, 32' - 10 ft. (81.28cm - 3.05 meters), wand, crevice tool, crevice tool brush, dusting brush, needle nozzle, 3-year warranty.

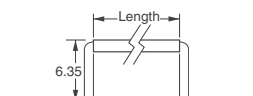


OPTIONS: Shoulder strap with shoulder pad.
SPECIFICATIONS: Electrical: 115VAC, 50/60Hz, 5.0 amps. Dimensions: Length: 17.80" (45.21cm). Width: 7.75" (19.69cm). Height: 9.25" (23.50cm). Weight: 9 lbs. 14 oz. (4.48kg). Motor: 1HP, continuous duty, thermally protected with automatic reset. Conducted RFI filtered (reduces EMI to be below FCC requirements).

Filter: Type 1, Small Particle: For trapping extremely fine particles. Typical applications color laser printers, color copiers and highly sensitive equipment. Type 2, Medium Particle: Designed to trap unwanted toner from copiers and laser printers, cleaning typewriters and data processing equipment.

Description	Digi-Key Part No.	Price Each	1	10	3M Part No.
Electronic Vacuum Cleaner 115 Vac Carrying Strap with Shoulder Pad	SCP148-ND	229.61	214.31		SV-497AJM
Type 1 Filter, Small Particle	SCP149-ND	9.98	9.31		SV-CS1
Type 2 Filter, Medium Particle	SCP150-ND	23.68	22.11		SV-SPF1
	SCP151-ND	13.31	12.43		SV-MPF2
Replacement Hose for Electronic and Tool Case Vacuum Cleaners					
30" Hose, Stretches to Approx. 10'	SCP230-ND	34.30	—		SV-SH32
50" Hose, Stretches to Approx. 16'	SCP231-ND	62.36	—		SV-SH50

3M Breadboard Jumper Wire Kit



• 350 wires • 14 different lengths • Wire is stripped • Leads bent 90° • Length is classified by color coding • Wire is solid tinned 22 gauge • PVC insulation. Kit contains 25 each of 14 different lengths.

923351-ND\$27.24

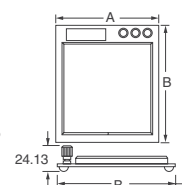
Length In. (mm)	Qty./Pkg.	Color	Digi-Key Part No.	Price/Pkg.
0.1 (2.54)	200	(No Insulation)	923345-01-ND	
0.2 (5.08)	200	Red	923345-02-ND	
0.3 (7.62)	200	Orange	923345-03-ND	
0.4 (10.16)	200	Yellow	923345-04-ND	
0.5 (12.70)	200	Green	923345-05-ND	
0.6 (15.24)	150	Blue	923345-06-ND	\$9.78
0.7 (17.78)	150	Violet	923345-07-ND	per
0.8 (20.32)	150	Gray	923345-08-ND	pkg.
0.9 (22.86)	150	White	923345-09-ND	
1.0 (25.40)	100	Brown	923345-10-ND	
2.0 (50.80)	100	Red	923345-20-ND	
3.0 (76.20)	75	Orange	923345-30-ND	
4.0 (101.60)	75	Yellow	923345-40-ND	
5.0 (127.00)	75	Green	923345-50-ND	

3M A•C•E Board™ Solderless Breadboards

FEATURES:

• 0.1" x 0.1" (2.54mm) solderless tie point matrix accepts all DIP sizes and a wide variety of discrete components with lead diameters up to .032" (.81mm) • Capacities range from 610 to 5424 tie points

• Accommodate from 6 to 54, 14 pin DIPs • Separate distribution bases for power, ground and signal lines • Molded alphanumeric grid for faster, easier tie point identification • Circuit elements are easily connected with #22 AWG solid wire • Strip bodies are constructed of durable Acetal Copolymer with Alloy 688 terminals • Durable baseplates keep boards stationary during use and help to minimize noise and voltage spikes in today's high speed circuits.



Ax/Cx/E Model	DIP Capacity (Size)	Base Dim. Inch (cm)		Total Tie Points	Total 5-Tie Point Term.	Binding Posts	Digi-Key Part No.	Price Each
		A	B					
354	54 (14-Pin)	14.69 (37.31)	9.75 (24.77)	5424	768	4	922354-ND	111.56
345	45 (14-Pin)	12.44 (31.60)	9.75 (24.77)	4520	640	4	922345-ND	100.02
336	36 (14-Pin)	10.25 (26.04)	9.25 (23.50)	3648	512	4	922336-ND	72.65
327	27 (14-Pin)	8.0 (20.32)	9.25 (23.50)	2712	384	4	922327-ND	70.01
318	18 (14-Pin)	7.75 (19.69)	6.25 (15.88)	1824	256	3	922318-ND	43.71
309	9 (14-Pin)	7.0 (17.78)	4.0 (10.16)	840	128	3	922309-ND	25.01
306	6 (14-Pin)	5.4 (13.72)	4.0 (10.16)	610	94	2	922306-ND	22.19

3M Super Strips and Circuit Strips

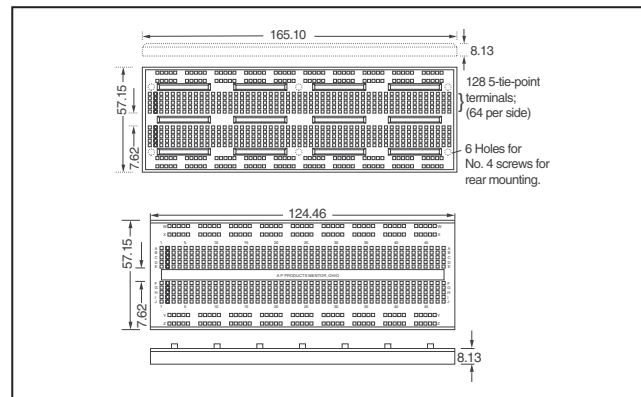
Universal Breadboarding Elements with Solderless Plug-In Tie Points

As with all solderless breadboarding units from 3M, components simply plug-in and are interconnected with ordinary solid hook-up wire; #22 AWG is recommended.

All sizes of DIPs and discrete components with lead diameters up to .032" (.82mm) can be accommodated.

These handy strips may be permanently mounted with the integral non-shorting instant-mounting backing, or for quick removal, they may be mounted with screws on panels up to 1/8" (3.18mm) thick.

Hardware and mounting templates are provided with every strip.



SPECIFICATIONS

	SUPER-STRIP	CIRCUIT-STRIP
Size:	2.25" x 6.50" x .32" (57.15mm x 165.10mm x 8.13mm)	2.25" x 4.90" x .32" (57.15mm x 124.46mm x 8.13mm)
Plug-In Tie-Points:	840	610
Materials: Body	Acetal Copolymer	Acetal Copolymer

Terminals	Part No.	Price Each	Terminals	Part No.	Price Each
Alloy 770	923252-ND	21.89	Alloy	923253-ND	15.44
Gold (10m)	923748-ND	69.21	Gold (10m)	923749-ND	70.01

More Product Available Online: www.digikey.com

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