

3M Terminals, Tools, Lugs and Connectors (Cont.)

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Fig.	AWG	Stud Size	Insul. Dia. Inch (mm)	Digi-Key Part No.	Pricing			3M Part No.	
					10	50	100		
24	16-14 Blue	3/8 #6	.170 (4.32)	920010-53-ND	7.44	30.65	48.17	190.05	MH14-38RK
25		920024-30-ND		6.83	28.11	44.19	174.34	MH14-8FLK	
26		920030-11-ND		6.43	23.39	41.29	169.72	MH14BCK	
24	12-10 Yellow	1/4 #8	.250 (6.35)	920010-55-ND	7.09	25.82	45.56	187.31	MH10-14RK
25		920024-34-ND		6.75	24.59	43.39	178.37	MH10-8FLK	
25		920024-35-ND		6.75	24.59	43.39	178.37	MH10-10FLK	
26		920030-12-ND		8.29	30.20	53.30	219.12	MH10BCK	
27		920042-13-ND		9.86	35.91	63.37	260.51	MNHU10-250DMIK	
27	22-18	—	.250	920042-11-ND	8.20	29.89	52.75	216.86	MNHU18-250DMIK
27	16-14	—	.250	920042-12-ND	8.20	29.89	52.75	216.86	MNHU14-250DMIK
28	22-18	—	.250	920044-18-ND	8.20	29.89	52.75	216.86	MNHU18-250DFIK
28	16-14	—	.250	920044-19-ND	8.20	29.89	52.75	216.86	MNHU14-250DFIK
29	22-18	—	.250	920074-01-ND	3.19	11.62	20.50	84.28	951K
29	18-14	—	.150 (3.81)	920074-02-ND	3.19	11.62	20.50	84.28	952K
29	12	—	—	920074-03-ND	3.43	12.51	22.07	90.74	953K
30	22-18	—	—	920074-06-ND	3.82	13.90	24.54	100.87	557 (BOXED)
31	18-14	—	.120 (3.05s)	920074-07-ND	3.99	14.51	25.61	105.30	558 (BOXED)
32	18-14 Blue	—	.145 (3.68)	920074-08-ND	2.42	8.82	15.57	64.00	560 (BOXED)
923000-I-ND				3M Insulated Terminal Kit — 650 assorted terminals (14 sizes), 200 cable ties (100 each, 2 sizes), one wire marker dispenser, one crimping tool, one reusable metal box, one reordering information card.....				162.75	

Connectors and Crimp Tools

Fig.	AWG	Description	Color	Digi-Key Part No.	Pricing			3M Part No.	
					10	50	100		
Scotchlok™ Connectors									
35	18-10	End Electrical	Clear	920030-14-ND	2.61	9.52	16.79	69.04	MN10CEC/STK
35	14-8	Electrical	Gray	920090-01-ND	5.23	19.08	33.66	138.40	G-BULK
35	22-10	Nylon Spring Connector	Yellow	920074-04-ND	1.42	5.15	9.10	37.40	312-BULK
35	20-8	Connector	Red	920074-05-ND	1.86	6.77	11.94	49.11	512-BULK
36	12-8	Spring Connector	Blue/Green	920090-04-ND	6.04	22.01	38.85	159.70	B/G+BOX
36	22-12		Orange/Blue	920090-05-ND	1.56	5.68	10.03	41.24	O/B+BOX
36	18-8		Red/Yellow	920090-06-ND	2.48	9.03	15.94	65.54	R/Y+BOX
36	22-8	Connector	Tan/Red	920090-07-ND	2.14	7.80	13.76	56.55	T/R+BOX
Crimp Tools									
—	22-10	Ratcheting	—	TR-482-ND	189.55/1			TR-482	
37	26-6	Scissor Style Ratcheting	—	TH-450-ND	45.03/1			TH-450	
—	22-10	Ratcheting	—	TR-490-ND	157.96/1			TR-490	

◆ RoHS Compliant

Terminals

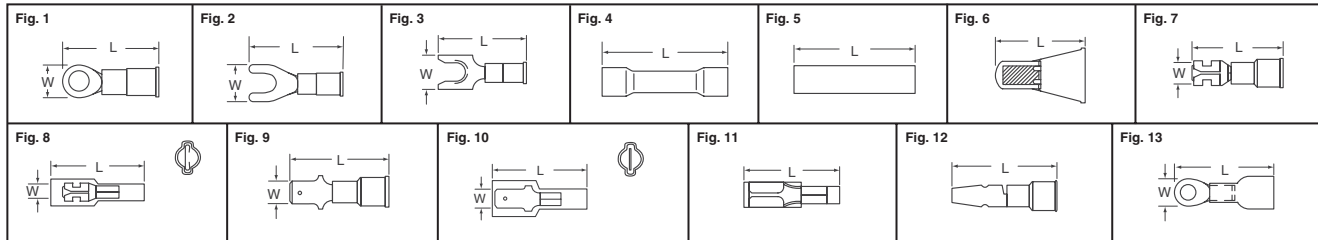


Fig.	AWG	Stud Size	Dim. - Inch		Digi-Key Part No.	Pricing			3M Part No.	
			L	W		10	50	100		
Vinyl Insulated Butted Seam Ring Tongue Terminals										
1	22-18 Red	#6	0.80	0.25	94725-01-ND	1.23	4.47	7.89	32.44	94725
		#8	0.90	0.33	94727-01-ND	1.23	4.47	7.89	32.44	94727
		#10	0.90	0.33	94717-01-ND	1.23	4.47	7.89	32.44	94717
		1/4	1.08	0.47	94719-01-ND	1.47	5.33	9.41	38.68	94719
	16-14 Blue	#6	0.90	0.33	94736-01-ND	1.23	4.47	7.89	32.44	94736
		#8	0.90	0.33	94739-01-ND	1.23	4.47	7.89	32.44	94739
		#10	0.90	0.33	94729-01-ND	1.23	4.47	7.89	32.44	94729
		1/4	1.08	0.47	94731-01-ND	1.47	5.33	9.41	38.68	94731
	12-10 Yellow	5/16	1.08	0.47	94735-01-ND	1.74	6.33	11.17	45.93	94735
		3/8	1.13	0.56	94733-01-ND	1.74	6.33	11.17	45.93	94733
		#6	0.98	0.28	94751-01-ND	1.51	5.50	9.71	39.89	94751
		#8	1.03	0.38	94753-01-ND	1.63	5.95	10.49	43.12	94753
Nylon Insulated with Insulation Grip Ring Tongue Terminals — RoHS Compliant										
1	28-18 Red	#6	0.79	0.25	94724-01-ND	1.87	6.81	12.02	49.43	94724
		#8	0.89	0.33	94726-01-ND	1.87	6.81	12.02	49.43	94726
	16-14 Blue	#10	0.89	0.33	94728-01-ND	1.87	6.81	12.02	49.43	94728
		5/16	1.09	0.47	94734-01-ND	2.02	7.36	12.99	53.39	94734
Nylon Insulated Brazed Seam Ring Tongue Terminals										
1	8 Red	1/4	1.26	0.47	94754-01-ND	6.03	21.95	38.75	159.29	94754
		3/8	1.58	0.63	94759-01-ND	5.84	21.29	37.57	154.46	94759
	4 Yellow	3/8	1.74	0.68	94763-01-ND	9.79	43.81	72.16	283.50	94763
		1/2	1.74	0.68	94764-01-ND	10.38	46.43	76.48	300.48	94764
Vinyl Insulated Butted Seam Fork Terminals										
2	22-18 Red	#6	0.90	0.34	94769-01-ND	1.18	4.32	7.63	31.36	94769
		#8	0.90	0.34	94771-01-ND	1.18	4.32	7.63	31.36	94771
	16-14 Blue	#6	0.90	0.34	94775-01-ND	1.18	4.32	7.63	31.36	94775
		#8	0.90	0.34	94777-01-ND	1.18	4.32	7.63	31.36	94777
Vinyl Insulated Butted Seam Locking Fork Terminals										
3	22-18 Red	#6	0.88	0.25	94865-01-ND	1.29	4.68	8.25	33.91	94865
		#8	0.88	0.30	94867-01-ND	1.29	4.68	8.25	33.91	94867
	16-14 Blue	#6	0.88	0.25	94873-01-ND	1.29	4.68	8.25	33.91	94873
		#8	0.88	0.30	94875-01-ND	1.29	4.68	8.25	33.91	94875
Nylon Insulated with Insulation Grip Locking Fork Terminals — RoHS Compliant										
3	22-18 Red	#6	0.87	0.25	94864-01-ND	1.97	7.16	12.63	51.91	94864
		#8	0.87	0.30	94866-01-ND	1.97	7.16	12.63	51.91	94866
	16-14 Blue	#8	0.89	0.30	94874-01-ND	1.71	6.22	10.98	45.13	94874
Vinyl Insulated Butted Seam Butt Connectors										
4	22-18 Red	—	1.02	—	94785-01-ND	1.29	4.68	8.25	33.91	94785
		16-14 Blue	—	1.02	—	94788-01-ND	1.29	4.68	8.25	33.91
	12-10 Yellow	—	1.05	—	94791-01-ND	1.60	5.82	10.26	42.17	94791
Vinyl Insulated Brazed Seam Butt Connectors — RoHS Compliant										
4	8 Red	—	1.43	—	94793-01-ND	5.09	18.55	32.74	134.58	94793
Nylon Insulated with Insulation Grip Butt Connectors — RoHS Compliant										
4	22-18 Red	—	1.01	—	94784-01-ND	3.70	13.47	23.78	97.78	94784
Nylon Insulated Seamless Butt Connectors — RoHS Compliant										
5	22-18 Red	—	1.02	—	94786-01-ND	1.82	6.64	11.73	48.22	94786

Fig.	AWG	Stud Size	Dim. - Inch		Digi-Key Part No.	Pricing			3M Part No.	
			L	W		10	50	100		
5	16-14 Blue	—	—	1.02	—	94789-01-ND	1.82	6.64	11.73	48.22
		12-10 Yellow	—	—	94792-01-ND	2.33	8.48	14.96	61.51	94792
Nylon Insulated Closed End Connectors — RoHS Compliant										
6	22-18 Red	—	0.83	—	722-N-A-ND	1.06	3.86	6.82	28.05	722-N-A
		18-10	—	0.85	—	94796-01-ND	1.44	5.26	9.28	38.14
Vinyl Insulated Butted Seam Female Disconnects										
7	22-18 Red	—	0.78	0.187	94800-01-ND	1.29	4.68	8.25	33.91	94800
		—	0.87	0.250	94804-01-ND	1.29	4.68	8.25	33.91	94804
		16-14 Blue	—	0.87	0.250	94821-01-ND	1.29	4.68	8.25	33.91
Nylon Insulated with Insulation Grip Female Disconnects — RoHS Compliant										
7	22-18 Red	—	0.77	0.187	94797-01-ND	1.93	7.03	12.40	50.97	94797
		—	0.86	0.250	94801-01-ND	1.93	7.03	12.40	50.97	94801
		16-14 Blue	—	0.86	0.250	94818-01-ND	1.93	7.03	12.40	50.97
Fully Nylon Insulated Butted Seam Female Disconnects — RoHS Compliant										
8	22-18 Red	—	0.81	0.187	94799-01-ND	2.10	7.64	13.47	55.40	94799
		—	0.91	0.250	94803-01-ND	1.93	7.03	12.40	50.97	94803
	16-14 Blue	—	0.81	0.187	94816-01-ND	2.10	7.64	13.47	55.40	94816
		—	0.91	0.250	94820-01-ND	1.93	7.03	12.40	50.97	94820
Vinyl Insulated Butted Seam Male Disconnects										
9	22-18 Red	—	0.85	0.187	94808-01-ND	1.29	4.68	8.25	33.91	94808
		—	0.93	0.250	94812-01-ND	1.29	4.68	8.25	33.91	94812
		16-14 Blue	—	0.93	0.250	94829-01-ND	1.29	4.68	8.25	33.91
Nylon Insulated with Insulation Grip Male Disconnects — RoHS Compliant										
9	22-18 Red	—	0.84	0.187	94805-01-ND	1.93	7.03	12.40	50.97	94805
		—	0.92	0.250	94809-01-ND	1.93	7.03	12.40	50.97	94809
		16-14 Blue	—	0.86	0.187	94822-01-ND	1.68	6.11	10.78	44.32
Fully Nylon Insulated Butted Seam Male Disconnects — RoHS Compliant										
10	22-18 Red	—	0.87	0.187	94807-01-ND	2.10	7.64	13.47	55.40	94807
		—	0.98	0.250	94811-01-ND	1.93	7.03	12.40	50.97	94811
	16-14 Blue	—	0.98	0.250	94828-01-ND	1.93	7.03	12.40	50.97	94828
		12-10 Yellow	—	1.05	0.250	94836-01-ND	2.37	8.65	15.26	62.73
Fully Nylon Insulated with Insulation Grip Male Disconnects — RoHS Compliant										
10	22-18 Red	—	0.95	0.250	94810-01-ND	2.42	8.82	15.57	64.00	94810
		—	0.87	0.187	94823-01-ND	2.29	8.32	14.69	60.37	94823
		16-14 Blue	—	0.95	0.250	94827-01-ND	2.42	8.82	15.57	64.00
Nylon Insulated Butted Seam Bullet Style Female Disconnects — RoHS Compliant										
11	16-14 Blue	.180"	1.02	—	94843-01-ND					