

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	500	
Heat Shrink Insulated									
24	22-18 Red	—	.145 (3.68)	920030-10-ND	8.04	29.29	51.70	212.53	MH18BCK
22	16-14 Blue	#8 5/16	.170 (4.32)	920010-49-ND	10.51	47.03	66.35	261.77	MH14-8R/LK
22	16-14 Blue	#6	.170 (4.32)	920024-30-ND	9.41	38.73	60.87	240.14	MH14-6FLK
23	16-14 Blue	#6	.170 (4.32)	920030-11-ND	8.04	29.29	51.70	212.53	MH14BCK
22	12-10 Yellow	1/4 #8	.250 (6.35)	920010-55-ND	9.76	35.56	62.76	258.00	MH10-14RK
23	12-10 Yellow	#10	.250 (6.35)	920024-34-ND	9.30	33.87	59.76	245.69	MH10-8FLK
24	12-10 Yellow	#10	.250 (6.35)	920024-35-ND	9.30	33.87	59.76	245.69	MH10-10FLK
25	12-10 Yellow	#10	.250 (6.35)	920030-12-ND	10.38	37.82	66.74	274.38	MH10BCK
26	12-10 Yellow	#10	.250 (6.35)	920042-13-ND	13.58	49.46	87.28	358.83	MNHU10-250DMIK
26	18-14 Blue	—	.150 (3.81)	920074-01-ND	3.99	14.55	25.67	105.53	951K
26	18-14 Blue	—	.150 (3.81)	920074-02-ND	3.99	14.55	25.67	105.53	952K
26	18-14 Blue	—	.150 (3.81)	920074-03-ND	4.30	15.66	27.64	113.63	953K
27	22-16 Red	—	.120 (3.05)	920074-06-ND	5.05	18.41	32.49	133.57	557 (BOXED)
28	18-14 Blue	—	.145 (3.68)	920074-07-ND	5.28	19.23	33.93	139.49	558 (BOXED)
29	18-14 Blue	—	.145 (3.68)	920074-08-ND	3.21	11.68	20.61	84.73	560 (BOXED)
923000-1-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.....					\$203.80				

Connectors and Crimp Tools

Fig.	AWG	Description	Color	Digi-Key Part No.	Pricing				3M Part No.
					10	50	100	500	
Scotchlok™ Connectors									
32	22-14	Closed End Electrical	Clear	920030-13-ND	2.80	10.19	17.98	73.92	MN14CEC/STK
33	18-10	Electrical	Clear	920030-14-ND	3.60	13.11	23.13	95.09	MN10CEC/STK
33	14-8	Electrical	Gray	920090-01-ND	6.56	23.89	42.15	173.30	G-BULK
33	22-10	Nylon Spring Connector	Yellow	920074-04-ND	2.17	7.89	13.93	57.25	312-2ULK
33	20-8	Connector	Red	920074-05-ND	2.84	10.36	18.28	75.16	512-BULK
34	12-8	Spring Connector	Blue/Green	920090-04-ND	8.32	30.32	53.51	219.97	B/G+BOX
34	22-12	Spring Connector	Orange/Blue	920090-05-ND	1.95	7.11	12.56	51.62	O/B+BOX
34	18-8	Spring Connector	Red/Yellow	920090-06-ND	3.10	11.31	19.96	82.05	R/Y+BOX
34	22-8	Spring Connector	Tan/Red	920090-07-ND	2.95	10.74	18.95	77.89	T/R+BOX
Crimp Tools									
—	22-10	Ratcheting	—	TR-482-ND	237.35/1				TR-482
35	26-6	Scissor Style	—	TH-450-ND	53.94/1				TH-450

◆ RoHS Compliant

Terminals

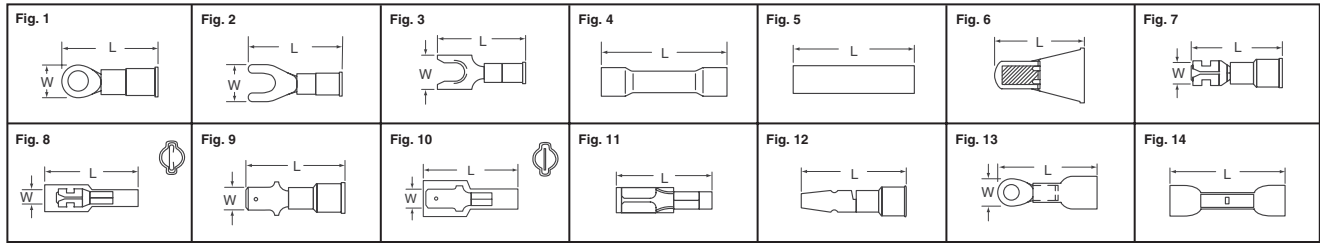


Fig.	AWG	Stud Size	Dim. Inch Length	Width	Digi-Key Part No.	Pricing				3M Part No.	
						10	50	100	500		
Vinyl Insulated Butted Seam Ring Tongue Terminals											
1	22-18 Red	#6	0.80	0.25	94725-01-ND	1.47	5.36	9.45	38.85	94725	
		#8	0.90	0.33	94727-01-ND	1.47	5.36	9.45	38.85	94727	
		#10	0.90	0.33	94717-01-ND	1.47	5.36	9.45	38.85	94717	
		1/4	1.08	0.47	94719-01-ND	1.75	6.39	11.27	46.34	94719	
	16-14 Blue	#6	0.90	0.33	94736-01-ND	1.47	5.36	9.45	38.85	94736	
		#8	0.90	0.33	94739-01-ND	1.47	5.36	9.45	38.85	94739	
		#10	0.90	0.33	94729-01-ND	1.47	5.36	9.45	38.85	94729	
		1/4	1.08	0.47	94731-01-ND	1.75	6.39	11.27	46.34	94731	
	12-10 Yellow	5/16	1.08	0.47	94735-01-ND	2.08	7.59	13.39	55.04	94735	
		3/8	1.13	0.56	94733-01-ND	2.08	7.59	13.39	55.04	94733	
		#6	0.98	0.28	94751-01-ND	1.81	6.58	11.61	47.73	94751	
		#8	1.03	0.38	94753-01-ND	1.95	7.11	12.56	51.62	94753	
Nylon Insulated with Insulation Grip Ring Tongue Terminals — RoHS Compliant											
1	28-18 Red	#6	0.79	0.25	94724-01-ND	2.24	8.16	14.40	59.20	94724	
		#8	0.89	0.33	94726-01-ND	2.24	8.16	14.40	59.20	94726	
	16-14 Blue	#10	0.89	0.33	94728-01-ND	2.24	8.16	14.40	59.20	94728	
		5/16	1.09	0.47	94734-01-ND	2.78	10.14	17.89	73.54	94734	
	12-10 Yellow	3/8	1.14	0.56	94732-01-ND	3.12	11.36	20.05	82.42	94732	
		#6	0.98	0.28	94750-01-ND	2.79	10.15	17.91	73.63	94750	
	Nylon Insulated Braided Seam Ring Tongue Terminals										
	1	8 Red	1/4	1.26	0.47	94754-01-ND	7.22	26.32	46.44	190.92	94754
			3/8	1.58	0.63	94759-01-ND	8.05	29.33	51.75	212.75	94759
		6 Blue	3/8	1.58	0.63	94763-01-ND	13.49	60.35	99.40	390.50	94763
			1/2	1.74	0.68	94764-01-ND	14.30	63.96	105.35	413.88	94764
	Vinyl Insulated Butted Seam Fork Terminals										
2	22-18 Red	#6	0.90	0.34	94769-01-ND	1.42	5.18	9.14	37.56	94769	
		#8	0.90	0.34	94771-01-ND	1.42	5.18	9.14	37.56	94771	
	16-14 Blue	#6	0.90	0.34	94775-01-ND	1.42	5.18	9.14	37.56	94775	
		#8	0.90	0.34	94777-01-ND	1.42	5.18	9.14	37.56	94777	
Vinyl Insulated Butted Seam Locking Fork Terminals											
3	22-18 Red	#6	0.88	0.25	94865-01-ND	1.54	5.60	9.88	40.61	94865	
		#8	0.88	0.30	94867-01-ND	1.54	5.60	9.88	40.61	94867	
	16-14 Blue	#6	0.88	0.25	94873-01-ND	1.54	5.60	9.88	40.61	94873	
		#8	0.88	0.30	94875-01-ND	1.54	5.60	9.88	40.61	94875	
Nylon Insulated with Insulation Grip Locking Fork Terminals — RoHS Compliant											
3	22-18 Red	#6	0.87	0.25	94864-01-ND	2.35	8.57	15.12	62.16	94864	
		#8	0.87	0.30	94866-01-ND	2.35	8.57	15.12	62.16	94866	
	16-14 Blue	#8	0.89	0.30	94862-01-ND	2.35	8.57	15.12	62.16	94862	
		#10	0.89	0.30	94874-01-ND	2.35	8.57	15.12	62.16	94874	
Vinyl Insulated Butted Seam Butt Connectors											
4	22-18 Red	—	1.02	—	94785-01-ND	1.54	5.60	9.88	40.61	94785	
		—	1.02	—	94788-01-ND	1.54	5.60	9.88	40.61	94788	
	16-14 Blue	—	1.05	—	94791-01-ND	1.91	6.96	12.29	50.51	94791	
		—	1.05	—	94791-01-ND	1.91	6.96	12.29	50.51	94791	
Vinyl Insulated Braided Seam Butt Connectors — RoHS Compliant											
4	8 Red	—	1.43	—	94793-01-ND	7.01	25.55	45.09	185.37	94793	
Nylon Insulated with Insulation Grip Butt Connectors — RoHS Compliant											
4	22-18 Red	—	1.01	—	94784-01-ND	4.43	16.14	28.49	117.11	94784	
Nylon Insulated Seamless Butt Connectors — RoHS Compliant											
5	22-18 Red	—	1.02	—	94786-01-ND	2.18	7.96	14.04	57.72	94786	

Fig.	AWG	Stud Size	Dim. Inch Length	Width	Digi-Key Part No.	Pricing				3M Part No.
						10	50	100	500	
5	16-14 Blue	—	1.02	—	94789-01-ND	2.18	7.96	14.04	57.72	94789
	12-10 Yellow	—	1.02	—	94792-01-ND	2.79	10.15	17.91	73.63	94792
Nylon Insulated Closed End Connectors — RoHS Compliant										
6	22-14	—	0.76	—	94813-01-ND	1.73	6.30	11.12	45.70	94813
	18-10	—	0.85	—	94796-01-ND	1.73	6.30	11.12	45.70	94796
Vinyl Insulated Butted Seam Female Disconnects										
7	22-18 Red	—	0.78	0.187	94800-01-ND	1.54	5.60	9.88	40.61	94800
		—	0.87	0.250	94804-01-ND	1.54	5.60	9.88	40.61	94804
	16-14 Blue	—	0.78	0.187	94817-01-ND	2.09	9.33	15.37	60.36	94817
		—	0.87	0.250	94821-01-ND	1.54	5.60	9.88	40.61	94821
Nylon Insulated with Insulation Grip Female Disconnects — RoHS Compliant										
7	22-18 Red	—	0.77	0.187	94797-01-ND	2.31	8.42	14.85	61.05	94797
		—	0.86	0.250	94801-01-ND	2.31	8.42	14.85	61.05	94801
	16-14 Blue	—	0.86	0.250	94818-01-ND	2.31	8.42	14.85	61.05	94818
Fully Nylon Insulated Butted Seam Female Disconnects — RoHS Compliant										
8	22-18 Red	—	0.81	0.187	94799-01-ND	2.51	9.14	16.13	66.32	94799
		—	0.91	0.250	94803-01-ND	2.31	8.42	14.85	61.05	94803
	16-14 Blue	—	0.81	0.187	94816-01-ND	2.51	9.14	16.13	66.32	94816
		—	0.91	0.250	94820-01-ND	2.31	8.42	14.85	61.05	94820
12-10 Yellow	—	0.99	0.250	94832-01-ND	2.84	10.35	18.27	75.11	94832	
Vinyl Insulated Butted Seam Male Disconnects										
9	22-18 Red	—	0.85	0.187	94808-01-ND	1.54	5.60	9.88	40.61	94808
		—	0.93	0.250	94812-01-ND	1.54	5.60	9.88	40.61	94812
	16-14 Blue	—	0.93	0.250	94829-01-ND	1.54	5.60	9.88	40.61	94829
		—	1.05	0.250	94837-01-ND	1.69	6.15	10.85	44.59	94837
Nylon Insulated with Insulation Grip Male Disconnects — RoHS Compliant										
9	22-18 Red	—	0.84	0.187	94805-01-ND	2.31	8.42	14.85	61.05	94805
		—	0.92	0.250	94809-01-ND	2.31	8.42	14.85	61.05	94809
	16-14 Blue	—	0.86	0.187	94822-01-ND	2.31	8.42	14.85	61.05	94822
—	0.94	0.250	94826-01-ND	2.31	8.42	14.85	61.05	94826		
Fully Nylon Insulated Butted Seam Male Disconnects — RoHS Compliant										
10	22-18 Red	—	0.87	0.187	94807-01-ND	2.51	9.14	16.13	66.32	94807
		—								