

Connector/Terminal to Tool Reference

Connector/ Terminal	Style	Wire Range		Max. Insul. Dia.		Hand Tool Part Numbers			Die Set for Tool Frame	Insertion/ Extraction Tool
		AWG	mm ²	in	mm	HHHT	DAHT	SAHT		
AMPLIMITE D-Sub. Connectors	Size 20 DF Contacts	28-24	0.08-0.2	.040	1.02	—	—	91503-1	—	91285-1
		24-20	0.2-0.5	.060	1.52	—	—	—	—	
AMPMODU Connectors	Size 22 DF Contacts	28-22	0.08-0.3	.040	1.02	—	—	91520-1	—	—
		26-22	0.12-0.3	.061	1.55	—	—	91517-1	—	
	Mod. IV Contacts	24-20	0.2-0.5	.069	1.75	—	—	91516-1	—	843996-3 (Ext./Reset)
		26-22	0.12-0.3	.062	1.58	—	—	91533-1	—	91084-1
	MTE & Tandem Spring Contacts	32-28	0.03-0.08	.054	1.37	—	—	58342-2	—	—
		26-22	0.12-0.3	.065	1.65	—	—	91531-1	—	—
Short Point Contacts	32-22	0.03-0.3	.060	1.52	—	—	91518-1	—	843473-1 (Ext.)	
	24-20	0.2-0.5	.060	1.52	—	—	91551-1	—	—	
CPC Connectors, M Series Connectors	Type II Contacts	28-24	0.08-0.2	.085	2.16	—	—	—	—	—
		24-20	0.2-0.5	.060	1.52	—	—	91539-1	90230-1 ¹	—
		18-14	0.8-2	—	—	—	—	91539-1	90231-2 ¹	—
	Type III+ Contacts	26-24	0.12-0.2	.090	2.29	—	—	91515-1	—	—
		24-20	0.2-0.5	.120	3.05	—	—	—	—	—
		24-20	0.2-0.5	.100	2.54	—	—	91523-1	—	200893-2/ 305183
		18-16	0.8-1.25	.100	2.54	—	—	—	—	—
		24-20	0.2-0.5	.070	1.78	—	—	91505-1	—	—
		18-16	0.8-1.25	.100	2.54	—	—	—	—	—
	Type XII Contacts	16	1.25	.160	4.06	90382-2	—	—	90145-2 ¹	—
		14-12	2-3	.160	4.06	90382-2	—	—	90145-1 ¹	—
		10-8	5-7	.220	5.59	90384-1	—	—	90140-1 ¹	91019-3 (Ext.)
Subminiature COAXICON Contacts	174 RG/U	—	—	—	—	—	69690 ¹	—	—	
	187 RG/U	—	—	—	—	—	69690-1 ¹	—	—	
FASTON Straight Receptacles (Premier Line Only)	250 Series	22-18	0.3-0.8	.130	3.30	—	90166-1	—	—	465629-□* (Installation Tip Required)
		18-14	0.8-2	.170	4.32	—	90165-1	—	—	—
		14-10	2-5	.200	5.08	—	90120	—	—	—
MATE-N-LOK Connectors	Commercial Contacts	30-22	0.05-0.3	.075	1.91	—	—	91515-1	—	455830-1/ 465644-1
		24-18	0.2-0.8	.100	2.54	—	—	91512-1	—	—
		20-14	0.5-2	.130	3.30	—	—	91504-1	—	—
		24-18	0.2-0.8	.100	2.54	—	—	91510-1	—	—
	Universal & Universal II Contacts	20-14	0.5-2	.130	3.30	—	—	91500-1	—	455830-1/ 318851-1
		20-18	0.5-0.8	.200	5.08	—	—	91508-1	—	—
		16-14	1.25-2	.200	5.08	—	—	91506-1	—	—
		12	3	.200	5.08	—	—	—	58380-1 ¹	—
Mini-Universal	10	5	.200	5.08	—	—	—	58380-2 ¹	—	
	20-16	0.5-1.25	.126	3.20	—	—	91536-1	—	—	
Mini-Universal II Contacts	26-22	0.12-0.3	.069	1.75	—	—	91529-1	—	—	
	22-18	0.3-0.8	.094	2.39	—	—	91522-1	—	455830-1/ 455822-2	
	20-16	0.5-1.25	.126	3.20	—	—	91594-1	—	—	
MR Connectors	Contacts	26-18	0.12-0.8	.115	2.92	—	—	91526-1	—	—
		20-18	0.50-0.85	.110	2.80	—	—	91558-1	—	—
Dynamic	D-3(L)	16	1.25	.110	2.80	—	—	—	—	—
		24	.20	.063	1.60	—	—	91559-1	—	—
	D-3(M)	22-20	.30-0.50	.102	2.60	—	—	—	—	—
		16	1.23-1.42	.110	2.80	—	—	91560-1	—	—
	D-3(2L)	14	1.94-2.20	.110	2.80	—	—	—	—	—
		28-26	.09-.14	.051	1.30	—	—	91576-1	—	—
D-2(S)	24	.22-.23	.056	1.43	—	—	—	—	—	
	EI	30-28	.05-.08	.047	1.20	—	—	91562-1	—	—
.040		.040	26	.13	.055	1.4	—	—	—	—
	22		.30	.071	1.80	—	—	91577-1	—	—
.040	.040	20	.50	.079	2.00	—	—	—	—	—

¹ Use with "C" Head Straight Action Hand Tool, Part Number 69710-1.

Connector/Terminal to Tool Reference (Continued)

Connector/ Terminal	Style	Wire Range		Max. Insul. Dia.		Hand Tool Part Numbers				Die Set for Tool Frame
		AWG	mm ²	in	mm	DAHT	TETRA-CRIMP	T-HEAD	HHHT	
PIDG FASTON Receptacles (6409□□ P/N Series Only)	Insulated	22-18	0.3-0.8	.100	2.54	—	—	—	—	—
		16-14	1.25-2	.170	4.32	—	59824-1	—	—	—
		12-10	3-5	.250	6.35	—	—	—	—	—
PIDG Terminals and Splices, PLASTI-GRIP Terminals	Insulated	26-22	0.12-0.3	.082	2.08	46121	—	59275	—	69344 ¹
		22-16	0.3-1.25	.125	3.18	47386	59824-1	59250	—	47806-2 ¹
		16-14	1.25-2	.150	3.81	47387	59824-1	59250	—	47807-1 ¹
		12-10	3-5	.230	5.84	—	59824-1	—	59239-4	47808-6 ¹
PLASTI-GRIP Butt Splices	Insulated	26-22	0.12-0.3	.080	2.03	46121	—	—	—	—
		22-16	0.3-1.25	.170	4.32	45160	—	—	—	—
		16-14	1.25-2	.215	5.46	45575-1	—	—	—	—
AMPLI-BOND Terminals, PLASTI-GRIP Terminals	Insulated	8	7	.377	9.58	—	—	—	69959	—
PLASTI-STRIP Terminals, Ultra-Fast Plus FASTON Receptacles	Insulated	22-18	0.3-0.8	.135	3.43	—	—	—	—	58079-3 ²
		16-14	1.25-2	.160	4.06	—	—	—	—	58080-3 ²
Ultra-Fast FASTON Tabs and Receptacles	Insulated	22-18	0.3-0.8	.230	5.84	—	—	—	—	90390-3 ²
		16-14	1.25-2	.260	6.60	—	—	—	—	90391-3 ²
		22-16	0.3-1.25	—	—	49935	—	—	—	47812 ¹
SOLISTRAND Terminals and Splices	Uninsulated	16-14	1.25-2	—	—	49935	—	—	—	47813 ¹
		12-10	3-5	—	—	49935	—	—	—	—
		8	7	—	—	—	—	—	69355	—
		—	—	—	—	—	—	—	—	—

¹ Use with "C" Head Straight Action Hand Tool, Part Number 69710-1.

² Use with Platform Die Hand Tool, Part Number 58078-3.

Insertion/Extraction Tools

*For Universal Handle (with adjustable strap) with short tip holder (1.87 [47.5]), specify "-1" suffix; with long tip holder (5.87 [149]), specify "-2" suffix.

Requires Installation Tip:
Part Number 465468-1
(.185 [4.7] insul. dia. and/or crimp width) or
Part No. 465488-1 (>.185 [4.7] insul. dia. and/or crimp width).



**Universal Handle
Part No. 465629-□***

106121



**Insertion/Extraction Tool
Part No. 91285-1**

100031



**Extraction Tool
Part No. 305183**

103739



**Extraction Tool
Part No. 318851-1**

105712



**Extraction Tool
Part No. 455822-2**

63322



**Extraction Tool
Part No. 465644-1**

100169



**Extraction/Lance Reset Tool
Part No. 843996-3**

79876A