

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	DAHT	SAHT	SADAHT	HHHT		
AMPLIMITE D-Sub. Connectors	Size 20 DF Contacts	28-24	0.08-0.2	.040	1.02	—	90302-1	—	—	—	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	—	90430-1	—	—	—	—
		26-22	0.12-0.3	.061	1.55	—	90418-1	—	—	—	
	Mod. IV Contacts	24-20	0.2-0.5	.069	1.75	—	90202-2	—	—	—	843996-3 (Ext./Reset)
		26-22	0.12-0.3	.062	1.58	—	90289-1	—	—	—	
	Locking Clip Contacts	32-28	0.03-0.08	.054	1.37	—	58342-2	—	—	—	91084-1
		26-22	0.12-0.3	.065	1.65	—	58342-1	—	—	—	
	MTE & Tandem Spring Contacts	32-22	0.03-0.3	.060	1.52	—	58438-1	—	—	—	—
		24-20	0.2-0.5	.060	1.52	—	58437-1	—	—	—	
Short Point Contacts	28-24	0.08-0.2	.085	2.16	—	—	58305-1	—	90230-1 ¹	—	
	24-20	0.2-0.5	.060	1.52	—	—	90136-1	—	—		
Type II Contacts	18-16	0.8-1.25	.105	2.67	—	—	45098	—	90231-2 ¹	—	
	18-14	0.8-2	—	—	—	—	—	—	—		
CPC Connectors, M Series Connectors	Type III+ Contacts	26-24	0.12-0.2	.090	2.29	—	90066-7	—	—	—	—
		24-20	0.2-0.5	.120	3.05	—	—	—	—	—	
	Type III+ Contacts	24-20	0.2-0.5	.100	2.54	—	90067-5	—	—	—	200893-2/ 305183
		18-16	0.8-1.25	.100	2.54	—	—	—	—	—	
	Type III+ Contacts	24-20	0.2-0.5	.070	1.78	—	—	—	—	—	—
		18-16	0.8-1.25	.100	2.54	—	90067-4	—	—	—	
	Type III+ Contacts	18-14	0.8-2	.100	2.54	—	90310-3	—	—	—	—
		16	1.25	.160	4.06	—	—	—	90382-2	90145-2 ¹	
Type XII Contacts	14-12	2-3	.160	4.06	—	—	—	90382-2	90145-1 ¹	—	
	10-8	5-7	.220	5.59	—	—	—	90384-1	90140-1 ¹		
Subminiature COAXICON Contacts	174 RG/U	—	—	—	—	—	69656	—	69690 ¹	—	
	187 RG/U	—	—	—	—	—	69656-1	—	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	—	90066-7	—	—	—	455830-1/ 465644-1
		24-18	0.2-0.8	.100	2.54	90123-2	—	—	—	—	
	Universal & Universal II Contacts	20-14	0.5-2	.130	3.30	90124-2	—	—	—	—	455830-1/ 318851-1
		24-18	0.2-0.8	.100	2.54	—	90300-2	—	—	—	
	Mini-Universal	20-14	0.5-2	.130	3.30	—	90296-2	—	—	—	—
		20-18	0.5-0.8	.200	5.08	—	90298-2	—	—	—	
	Mini-Universal II Contacts	16-14	1.25-2	.200	5.08	—	90299-2	—	—	—	—
		12	3	.200	5.08	—	—	—	—	58380-1 ¹	
	Mini-Universal II Contacts	10	5	.200	5.08	—	—	—	—	58380-2 ¹	—
		20-16	0.5-1.25	.126	3.20	—	90707-1	—	—	—	
Mini-Universal II Contacts	30-24	0.05-0.2	.060	1.52	—	90717-2	—	—	—	455830-1/ 455822-2	
	26-22	0.12-0.3	.069	1.75	—	90710-2	—	—	—		
Mini-Universal II Contacts	22-18	0.3-0.8	.094	2.39	—	90711-2	—	—	—	—	
	20-16	0.5-1.25	.126	3.20	—	90707-2	—	—	—		
MR Connectors	Contacts	26-24	0.12-0.2	.050	1.27	—	90326-1	—	—	—	455830-1/ 455822-2
		26-18	0.12-0.8	.115	2.92	—	90325-1	—	—	—	

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

Insertion/Extraction Tools (Continued on page 3)

*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-□*



Insertion/Extraction Tool
Part No. 91285-1



Extraction Tool
Part No. 305183