

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	—	—	—	—		
	Size 22 DF Contacts	28-22	0.08-0.3	.040	1.02	—	—	91520-1	—		
AMPMODU Connectors	Mod. IV Contacts	26-22	0.12-0.3	.061	1.55	—	—	91517-1	—	843996-3 (Ext./Reset)	
		24-20	0.2-0.5	.069	1.75	—	—	91516-1	—		
	Locking Clip Contacts	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	—	—	91539-1	90230-1 ¹	—	
		24-20	0.2-0.5	.060	1.52	—	—	—	—	—	
		18-14	0.8-2	—	—	—	—	91539-1	90231-2 ¹	—	
	Type III+ Contacts	26-24	0.12-0.2	.090	2.29	—	—	91515-1	—	200893-2/ 305183	
		24-20	0.2-0.5	.120	3.05	—	—	—	—		
		24-20	0.2-0.5	.100	2.54	—	—	91523-1	—		
		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	—	—	—	—		
		18-14	0.8-2	.100	2.54	—	—	91519-1	—		
	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	—		
	Universal & Universal II Contacts	24-18	0.2-0.8	.100	2.54	—	—	91510-1	—	455830-1/ 318851-1	
		20-14	0.5-2	.130	3.30	—	—	91500-1	—		
		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		—
		10	5	.200	5.08	—	—	—	58380-2 ¹		—
		Mini-Universal	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	—	455830-1/ 455822-2	
		22-18	0.3-0.8	.094	2.39	—	—	91522-1	—		
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	—		
Dynamic	D-3(L)	20-18	0.50-0.85	.110	2.80	—	—	91558-1	—	—	
		16	1.25	.110	2.80	—	—	—	—		
	D-3(M)	24	.20	.063	1.60	—	—	91559-1	—	—	
		22-20	.30-.50	.102	2.60	—	—	—	—		
	D-3(2L)	16	1.23-1.42	.110	2.80	—	—	91560-1	—	—	
		14	1.94-2.20	.110	2.80	—	—	—	—		
	D-2(S)	28-26	.09-.14	.051	1.30	—	—	91576-1	—	—	
EI	EI	24	.22-.23	.056	1.43	—	—	—	—		
		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
SOLISTRAND Terminals and Splices	Uninsulated	22-16	0.3-1.25	—	—	49935	—	—	—	47812 ¹
		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).



106121

Universal Handle
Part No. 465629-□*



103031

Insertion/Extraction Tool
Part No. 91285-1



103739

Extraction Tool
Part No. 305183



105712

Extraction Tool
Part No. 318851-1



63322

Extraction Tool
Part No. 455822-2



103169

Extraction Tool
Part No. 465644-1



79676A

Extraction/Lance Reset Tool
Part No. 843996-3

CERTI-CRIMP Tooling Options



Double Action Hand Tool (DAHT)

- Dies travel in arc-like path
- Locator on tools for FASTON, MATE-N-LOK, PIDG and PLASTI-GRIP
- Insulation adjustment on tools for FASTON, MATE-N-LOK, PIDG and PLASTI-GRIP terminals
- Approximate weight 1.2 lb [0.54 kg]



T-HEAD Hand Tool

- Dies close in a straight line
- Locator
- Quick take-up on handle for holding terminal or splice in place
- Adjust insulation crimp with a four-position screw
- Color coded
- Approximate weight 1.3 lb [0.59 kg]



TETRA-CRIMP Hand Tool Part No. 59824-1

- Dies travel in arc-like path
- Multiple color-coded crimping cavities
- Terminal locator and wire stop
- Ratchet control release
- Approximate weight 1.4 lb [0.64 kg]



Heavy Head Hand Tool (HHHT)

- Designed to terminate most large coaxial cable and heavy-gage wire
- Dies close in a straight line
- Locator and wire stop when applicable
- Insulation adjustment on tools for AMPLI-BOND, PIDG and PLASTI-GRIP terminals
- Approximate weight 2.1 lb [0.95 kg]



Platform Die Hand Tool Part No. 58078-3

- Same frame configuration as TETRA-CRIMP Hand Tool
- Dies are interchangeable
- Adjustable terminal locator
- Approximate weight 1.4 lb [0.64 kg]



"C" Head Straight Action Hand Tool Part No. 69710-1

- Dies close in a straight line
- Dies are interchangeable
- Locators and other applicable features included with dies
- Approximate weight 1.9 lb [0.86 kg]

CERTI-CRIMP II Tooling



Straight Action Hand Tool (SAHT)

- Dies close in a straight line
- Contact locator and support
- Wire stop
- Insulation crimp adjustment (4 positions)
- Ejects crimped contact
- Approximate weight 1.3 lb [0.59 kg]