

# 97 series crimp type contact information and tools

## Insert / Contact Where Used Tables

Insert Arrangement	Contact Quantity	Contact Size	Use Contacts with Code*	
			Pin	Socket
10SL-3	3	16	<b>A, D, G, J</b>	<b>B, E, H, K</b>
10SL-4	2	16	<b>A, D, G, J</b>	<b>B, E, H, K</b>
12S-3	2	16	<b>A, D, G, J</b>	<b>B, E, H, K</b>
14S-1	3	16	<b>A, D, G, J</b>	<b>B, E, H, K</b>
14S-2	4	16	<b>A, D, G, J</b>	<b>B, E, H, K</b>
14S-5	5	16	<b>A, D, G, J</b>	<b>B, E, H, K</b>
14S-7	3	16	<b>A, D, G, J</b>	<b>B, E, H, K</b>
16S-1	7	16	<b>A, D, G, J</b>	<b>B, E, H, K</b>
16S-8	5	16	<b>A, D, G, J</b>	<b>B, E, H, K</b>
18-1	10	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>
18-4	4	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>
18-11	5	12	<b>M</b>	<b>O</b>
18-12	6	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>
18-19	10	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>

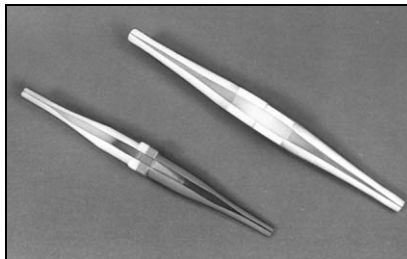
Insert Arrangement	Contact Quantity	Contact Size	Use Contacts with Code*	
			Pin	Socket
18-20	5	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>
20-4	4	12	<b>M</b>	<b>O</b>
20-7	8	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>
20-27	14	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>
20-29	17	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>
22-14	19	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>
24-2	7	12	<b>M</b>	<b>O</b>
28-11	4	12	<b>M</b>	<b>O</b>
	18	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>
28-12	26	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>
28-20	10	12	<b>M</b>	<b>O</b>
	4	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>
28-21	37	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>
32-414	52	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>
36-10	48	16	<b>A, D, G, J</b>	<b>C, F, I, L</b>

\* Codes in bold letters are most common. See Code Table on page 28.

## Contact Termination Tools

### Insertion / Extraction Tools

Part Number:	Contact Size	
	16	12
	M81969/14-03	M81969/14-04



### Crimping Tools (Full Cycle Type)

Crimping Tool Part Number	Contact Part Number
357-578	9738-1216X-X thru 9755-1622X-X
357-579	9745-2026X-X 9745-2630X-X 9755-2026X-X 9755-2630X-X



### Strip-Crimp Machines

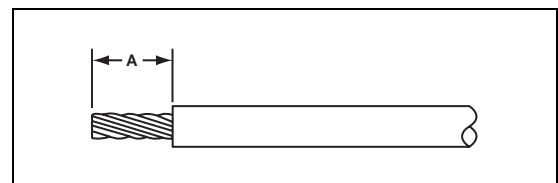
For large production quantities consult Amphenol, Sidney, NY for information on semi-automatic crimping equipment.

## Wire Preparation

Strip wire to length shown in chart below. Do not cut or nick wire strands. Twist wire strands back to their original lay.

Contact Size	Contact Part Number	Insulation O.D.	Stripping Length "A"
12	9738-1216X-X	.097 / .160	.200 - .240
16	97XX-1418X-X	.079 / .100	.170 - .190
16	97XX-1622X-X	.079 / .100	.140 - .160
16	97XX-2026X-X	.039 / .090	.140 - .160
16	97XX-2630X-X	.030 / .054	.140 - .160

Note: XX = 45 or 55 (38 = 12 size; 45, 55 = 16 size)



For further information on contact insertion/removal/crimping for 97 Series Connectors, ask for L-1268 assembly instructions.