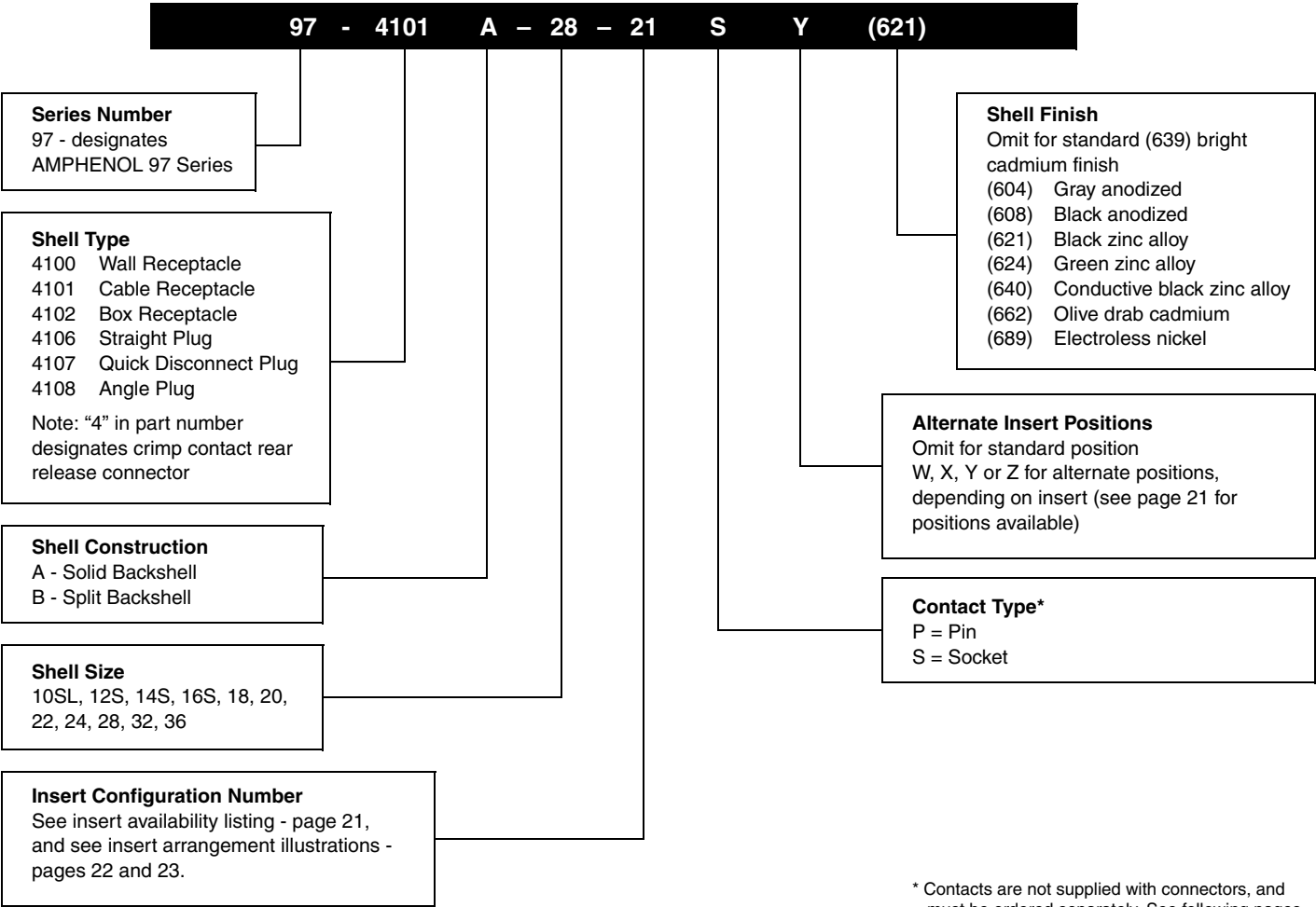


97 series crimp type

how to order

Example of part number for crimp type connectors is given below.



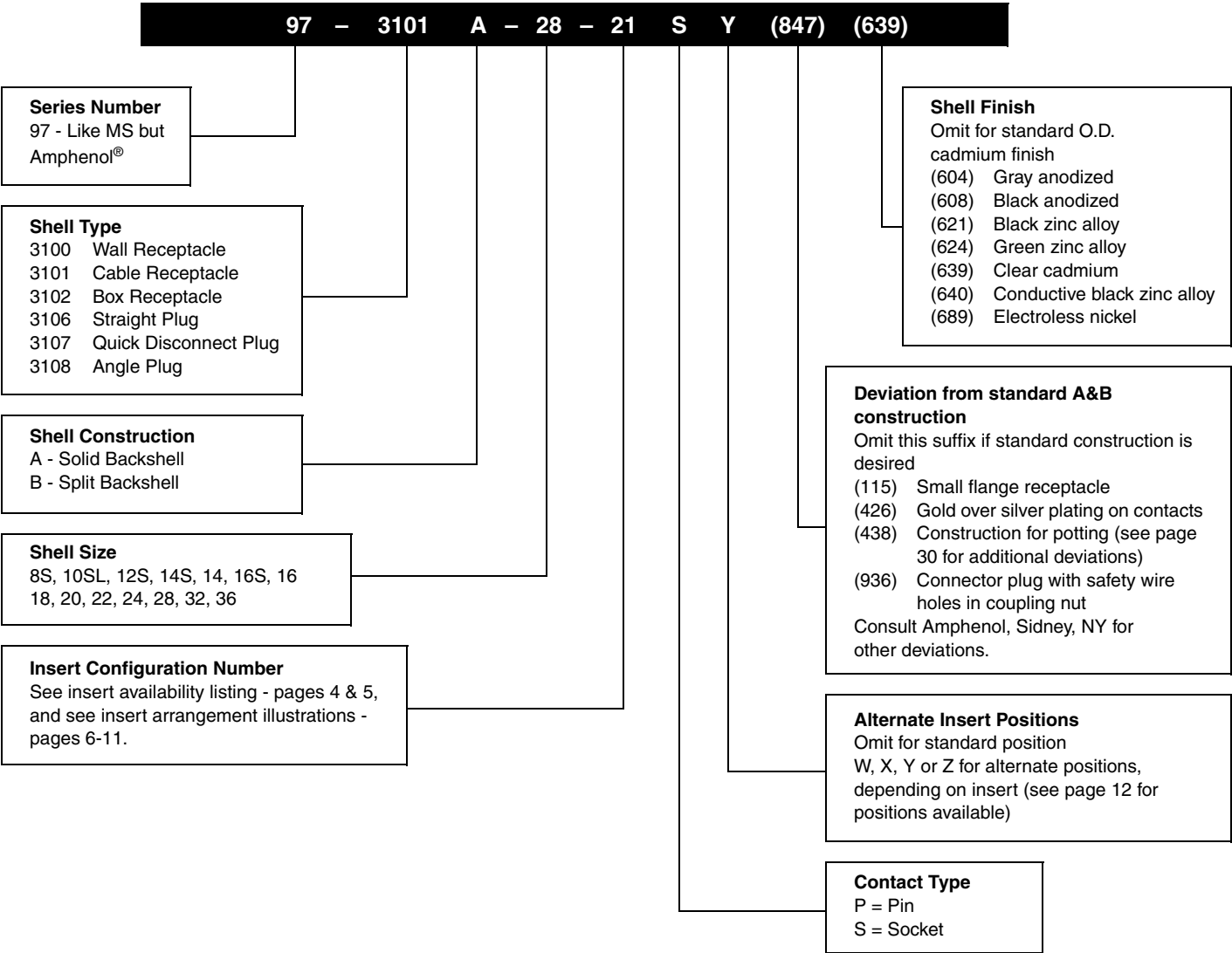
* Contacts are not supplied with connectors, and must be ordered separately. See following pages for contact information.

Note:
Accessories for 97 Series Connectors should be ordered with matching connector plating. See accessory pages 33-39.

97 series solder type

how to order

Example of part number for solder type connectors is given below.



Note: Accessories for 97 Series Connectors should be ordered with matching connector plating. See accessory pages 33-39.

97 series crimp type contact information

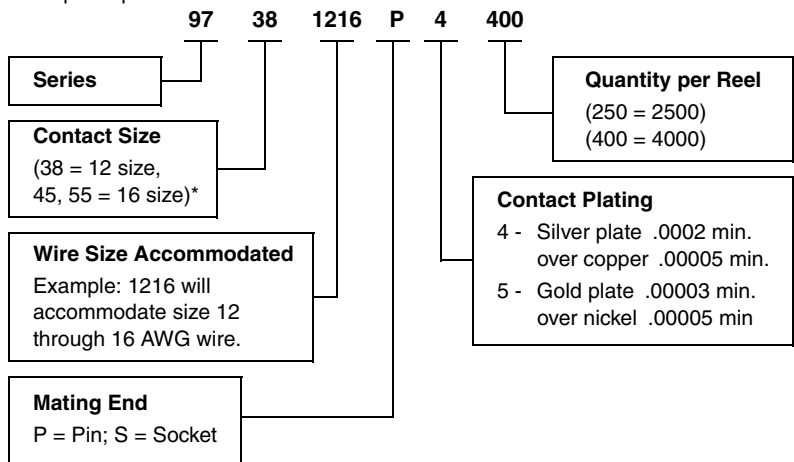
Crimp contacts can be ordered for 97 Series connectors in reel assemblies or in bulk packaging. Order by part numbers given below:

Reel Assembly - For use with semi-automatic crimping equipment; order number of reels required.

Reel Assemblies Available

Part Number	Size	For Connector Sizes
9738-1216P-X250	12	18 thru 36
9738-1216S-X250	12	18 thru 36
9745-1418P-X400	16	10SL thru 36
9745-1418S-X400	16	18 thru 36
9755-1418S-X400	16	10SL thru 16S only
9745-1622P-X400	16	10SL thru 36
9755-1622S-X400	16	10SL, 12S, 14S, 16S only
9745-1622S-X400	16	18 thru 36
9745-2026P-X400	16	10SL thru 36
9755-2026S-X400	16	10SL, 12S, 14S, 16S only
9745-2026S-X400	16	18 thru 36
9745-2630P-X400	16	10SL thru 36
9755-2630S-X400	16	10SL, 12S, 14S, 16S only
9745-2630S-X400	16	18 thru 36

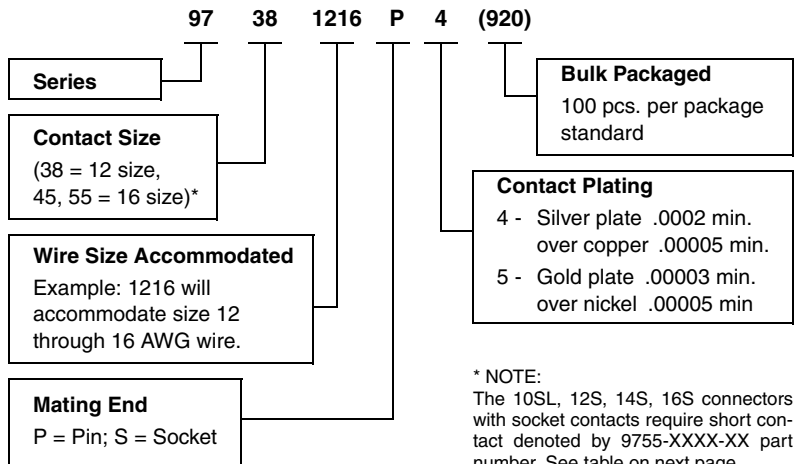
Example of part number:



Bulk Packaged Contacts Available

Part Number	Size	For Connector Sizes
9738-1216P-X(920)	12	18 thru 36
9738-1216S-X(920)	12	18 thru 36
9745-1418P-X(920)	16	10SL thru 36
9745-1418S-X(920)	16	18 thru 36
9755-1418S-X(920)	16	10SL thru 16S only
9745-1622P-X(920)	16	10SL thru 36
9755-1622S-X(920)	16	10SL, 12S, 14S, 16S only
9745-1622S-X(920)	16	18 thru 36
9745-2026P-X(920)	16	10SL thru 36
9755-2026S-X(920)	16	10SL, 12S, 14S, 16S only
9745-2026S-X(920)	16	18 thru 36
9745-2630P-X(920)	16	10SL thru 36
9755-2630S-X(920)	16	10SL, 12S, 14S, 16S only
9745-2630S-X(920)	16	18 thru 36

Example of part number:



* NOTE:
The 10SL, 12S, 14S, 16S connectors with socket contacts require short contact denoted by 9755-XXXX-XX part number. See table on next page.

97 Series Contact Code Table†

Wire Range**	Contact Code	Pin	Contact Code	Socket	Contact Code	Socket
1622	A	97-45-1622P-X(XXX)	B	97-55-1622S-X(XXX)	C	97-45-1622S-X(XXX)
1418	D	97-45-1418P-X(XXX)	E	97-55-1418S-X(XXX)	F	97-45-1418S-X(XXX)
2026	G	97-45-2026P-X(XXX)	H	97-55-2026S-X(XXX)	I	97-45-2026S-X(XXX)
2630	J	97-45-2630P-X(XXX)	K	97-55-2630S-X(XXX)	L	97-45-2030S-X(XXX)
1216	M	97-38-1216P-X(XXX)			O	97-38-1216S-X(XXX)

Codes in bold letters are most common

† See order information for bulk and reel contact deviation numbers.

** Wire range is size of wires contact will accommodate. For example: wire range 1622 will accommodate size 16 through 22.

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	A , D, G, J	B , E, H, K
10SL-4	2	16	A , D, G, J	B , E, H, K
12S-3	2	16	A , D, G, J	B , E, H, K
14S-1	3	16	A , D, G, J	B , E, H, K
14S-2	4	16	A , D, G, J	B , E, H, K
14S-5	5	16	A , D, G, J	B , E, H, K
14S-7	3	16	A , D, G, J	B , E, H, K
16S-1	7	16	A , D, G, J	B , E, H, K
16S-8	5	16	A , D, G, J	B , E, H, K
18-1	10	16	A , D, G, J	C , F, I, L
18-4	4	16	A , D, G, J	C , F, I, L
18-11	5	12	M	O
18-12	6	16	A , D, G, J	C , F, I, L
18-19	10	16	A , D, G, J	C , F, I, L

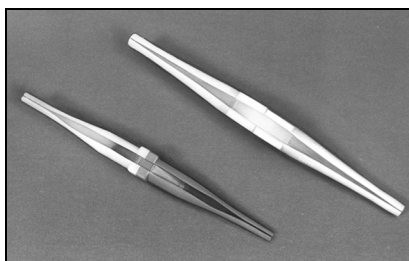
Insert Arrangement	Contact Quantity	Contact Size	Use Contacts with Code*	
			Pin	Socket
18-20	5	16	A , D, G, J	C , F, I, L
20-4	4	12	M	O
20-7	8	16	A , D, G, J	C , F, I, L
20-27	14	16	A , D, G, J	C , F, I, L
20-29	17	16	A , D, G, J	C , F, I, L
22-14	19	16	A , D, G, J	C , F, I, L
24-2	7	12	M	O
28-11	4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

* 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

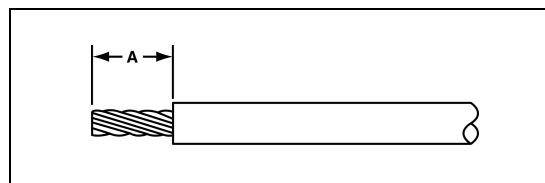
For large production quantities consult Amphenol, Sidney, NY for information on semi-automatic crimping equipment.

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.