

# AMPHENOL 97 Series Circular Connectors

Amphenol®

This product is RoHS compliant.

## RECEPTACLES

Black zinc alloy plating plus solder contact less pre-filled cup For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Shell Size	Contacts	Price Each		
				1	5	10
654-973100A12S3S946	97-3100A-12S-3S(946)	12S	2	13.00	11.60	10.77
654-973100A14S5P946	97-3100A-14S-5P(946)	14S	5	18.25	16.68	15.36
654-973100A1811P946	97-3100A-18-11P(946)	18	5	22.49	20.84	18.89
654-973101A14S2P946	97-3101A-14S-2P(946)	14S	4	17.66	16.12	14.85
654-973101A14S6P946	97-3101A-14S-6P(946)	14S	6	24.96	23.06	21.56
654-973101A1812S946	97-3101A-18-12S(946)	18	6	27.06	24.59	22.55
654-973101A204P946	97-3101A-20-4P(946)	20	4	26.19	24.96	23.79
654-973101A2029P946	97-3101A-20-29P(946)	20	17	29.55	27.28	25.33
654-973101A2214P946	97-3101A-22-14P(946)	22	19	38.32	35.29	26.23
654-973101A2214S946	97-3101A-22-14S(946)	22	19	43.63	39.99	36.92
654-973102A10SL3P946	97-3102A-10SL-3P(946)	10SL	3	11.58	10.59	9.76
654-973102A10SL4P946	97-3102A-10SL-4P(946)	10SL	2	23.52	21.56	18.45
654-973102A14S5S946	97-3102A-14S-5S(946)	14S	5	13.86	12.80	11.89
654-973102A14S6S946	97-3102A-14S-6S(946)	14S	6	21.62	21.04	20.46
654-973102A1610P946	97-3102A-16-10P(946)	16	3	23.44	22.51	20.85
654-973102A16S1P946	97-3102A-16S-1P(946)	16S	7	21.71	20.65	18.36
654-973102A1811S946	97-3102A-18-11S(946)	18	5	18.59	17.62	16.23
654-973102A2027P946	97-3102A-20-27P(946)	20	14	16.32	14.91	13.73
654-973102A2029S946	97-3102A-20-29S(946)	20	17	22.23	20.22	18.53
654-973102A2214S946	97-3102A22-14S(946)	22	19	30.28	27.87	25.83

## MATING PLUGS

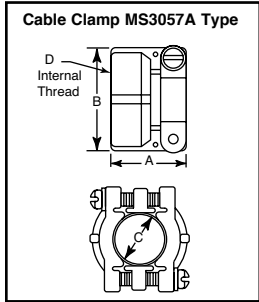
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Shell Size	Contacts	Price Each		
				1	5	10
654-973106A12S3P946	97-3106A-12S-3P(946)	12S	2	16.58	15.31	13.42
654-973108B14S5S946	97-3108B-14S-5S(946)	14S	5	19.19	17.44	15.99
654-973106B1811S946	97-3106B-18-11S(946)	18	5	40.25	37.15	34.50
654-973106A14S2S946	97-3106A-14S-2S(946)	14S	4	17.97	16.44	15.13
654-973106A14S6S946	97-3106A-14S-6S(946)	14S	6	17.85	16.37	14.88
654-973106A1812P946	97-3106A-18-12P(946)	18	6	30.50	28.30	26.10
654-973106A204S946	97-3106A-20-4S(946)	20	4	35.43	32.38	29.82
654-973106A2029S946	97-3106A-20-29S(946)	20	17	33.36	30.48	28.06
654-973106A2214S946	97-3106A-22-14S(946)	22	19	40.97	38.12	35.02
654-973106A2214P946	97-3106A-22-14P(946)	22	19	40.57	38.39	36.12
654-973106A10SL3S946	97-3106A-10SL-3S(946)	10SL	3	35.88	32.62	29.90
654-973106A10SL4S946	97-3106A-10SL-4S(946)	10SL	2	28.52	26.73	23.89
654-973106A14S5P946	97-3106A-14S-5P(946)	14S	5	16.87	15.52	14.17
654-973106A14S6P946	97-3106A-14S-6P(946)	14S	6	17.77	16.23	14.95
654-973106A1610S946	97-3106A-16-10S(946)	16	3	24.32	23.37	21.64
654-973106A16S1S946	97-3106A-16S-1S(946)	16S	7	24.94	22.90	21.50
654-973106A1811P946	97-3106A-18-11P(946)	18	5	21.94	20.17	18.56
654-973106A2027S946	97-3106A-20-27S(946)	20	14	66.13	58.78	55.84
654-973106A2029P946	97-3106A-20-29P(946)	20	17	30.29	27.68	25.48
654-973106A2214P946	97-3106A-22-14P(946)	22	19	40.57	38.39	36.12

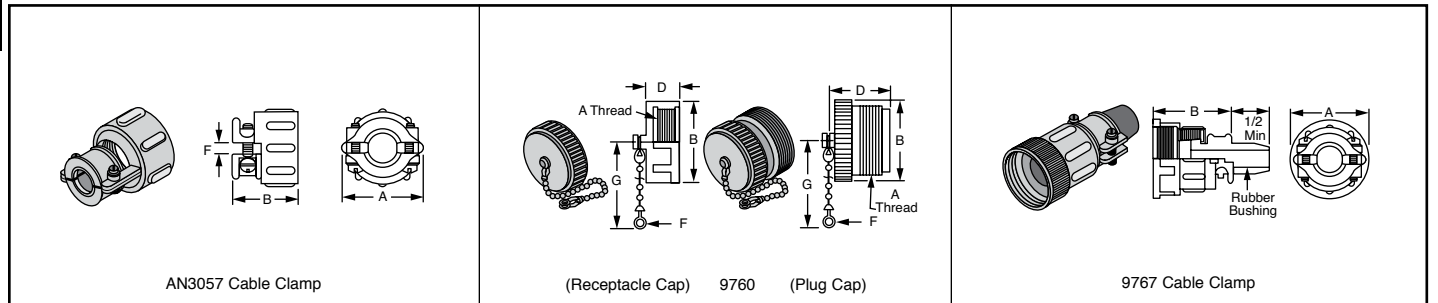
## ACCESSORIES FOR AMPHENOL 97 SERIES CONNECTORS (BLACK ZINC ALLOY)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Shell Size	Description	Max O.D. Cable	A (in.)	B (in.)	C (in.)	D Internal Thread	Price Each			
									1	10	25	50
654-9730571004621	97-3057-1004(621)	10SL,12S	Cable Clamp	5/16	0.795	0.842	5/16	5/8-24	7.86	5.81	5.36	5.12
654-97305710041621	97-3057-1004-1(621)	10SL,12S	Cable Clamp w/bushing	5/16	-	-	-	-	9.23	6.91	6.52	6.14
654-9730571007621	97-3057-1007(621)	12S,14S	Cable Clamp	7/16	0.850	0.995	7/16	3/4-20	6.86	6.06	5.63	5.20
654-97305710071621	97-3057-1007-1(621)	12SL,14S	Cable Clamp w/bushing	7/16	-	-	-	-	8.04	7.26	6.74	6.22
654-9730571008621	97-3057-1008(621)	16,16S	Cable Clamp	9/16	0.920	1.120	9/16	7/8-20	7.19	6.49	6.08	5.59
654-97305710081621	97-3057-1008-1(621)	16,16S	Cable Clamp w/bushing	9/16	-	-	-	-	17.41	15.63	14.51	13.54
654-9730571010621	97-3057-1010(621)	18	Cable Clamp	5/8	0.920	1.216	5/8	1-20	7.13	5.61	5.14	4.81
654-97305710101621	97-3057-1010-1(621)	18	Cable Clamp w/bushing	5/8	-	-	-	-	7.26	6.41	6.00	5.61
654-9730571012621	97-3057-1012(621)	20,22	Cable Clamp	3/4	0.927	1.403	3/4	1-3/16-18	8.29	6.69	6.15	5.74
654-97305710121621	97-3057-1012-1(621)	20,22	Cable Clamp w/bushing	3/4	-	-	-	-	7.57	6.84	6.26	5.76
654-9730571016621	97-3057-1016(621)	24,28	Cable Clamp	15/16	-	-	-	-	7.79	5.97	5.56	5.26
654-97305710161621	97-3057-1016-1(621)	24,28	Cable Clamp w/bushing	15/16	1.015	1.683	15/16	1-7/16-18	13.18	11.85	11.00	10.27



Amphenol Circular Connectors



### Cable Clamp AN3057

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Shell Size	AN Size	Max. O.D. Cable	A (in.)	B (in.)	F (in.)	Threads	Price Each			
									1	10	25	50
654-9730574621	97-3057-4(621)	10SL,12S	4	5/16	25/32	1	3/16	5/8-24	9.83	9.13	8.51	7.37
654-9730576621	97-3057-6(621)	14,14S	6	7/16	15/16	1-5/64	3/16	3/4-20	10.56	9.74	9.04	8.44
654-9730578621	97-3057-8(621)	16,16S	8	9/16	1-1/16	1-1/8	9/32	7/8-20	11.34	10.46	9.72	9.07
654-97305710621	97-3057-10(621)	18	10	5/8	1-3/16	1-1/8	5/16	1-20	11.64	10.74	9.97	9.31
654-97305712621	97-3057-12(621)	20,22	12	3/4	1-3/8	1-3/16	5/16	1-3/16-18	11.76	10.86	10.08	9.40
654-97305716621	97-3057-16(621)	24,28	16	15/16	1-5/8	1-5/16	3/8	1-7/16-18	11.89	10.95	9.45	8.84

### Metal Protection Caps with Beaded Chain

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Shell Size	A Threads	B (in.)	D (in.)	F (in.)	G (in.)	Price Each				
								1	10	25	50	
<b>For Receptacle Shells</b>												
654-976010621	97-60-10(621)	10S,10SL	5/8-24	13/16	7/16	.125	2-9/16	7.11	6.56	6.09	5.69	
654-976016621	97-60-16(621)	16,16S	1-20	1-1/18	7/16	.167	4-5/8	6.30	5.82	5.40	4.80	
654-976018621	97-60-18(621)	18	1-1/8-18	1-5/16	7/16	.167	4-5/8	7.29	6.08	5.67	5.30	
654-976020621	97-60-20(621)	20	1-1/4-18	1-7/16	7/16	.167	4-5/8	7.90	7.29	6.77	6.20	
654-976022621	97-60-22(621)	22	1-3/8-18	1-9/16	7/16	.167	4-5/8	11.57	9.90	9.14	8.49	
<b>For Plug Shells</b>												
654-976018P621	97-60-18P(621)	18	1-1/8-18	1-1/8	27/32	.167	4-5/8	12.11	11.10	10.53	9.24	

### Water Resistant Cable Clamp

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Shell Size	Max. O.D. Cable	A (in.)	B (in.)	Threads	Price Each			
							1	10	25	50
654-9767124621	97-67-12-4(621)	10SL,12S,12	7/32	25/32	1-17/32	5/8-24	33.00	30.45	28.28	26.40
654-9767144621	97-67-14-4(621)	12SL,14S,14	7/32	29/32	1-17/32	3/4-20	32.13	28.17	26.43	24.44
654-9767188621	97-67-18-8(621)	18	7/16	1-3/16	1-19/32	1-20	32.00	29.11	26.68	24.86
654-97672210621	97-67-22-10(621)	20,22	9/16	1-3/8	1-19/32	1-3/16-18	33.62	30.57	28.02	25.86