

AMPHENOL Miniature Cylindrical Connectors

Amphenol®

PT SERIES SOLDER TYPE (MIL-C-26482, SERIES 1) (CONT.)

How to build a standard Amphenol PT series part number:

Combine the shell part number with insert arrangement number to complete the Amphenol part number.

Receptacle Example: From the table below, combine a box mount shell number (PT02A-) with an insert number (8-2P) to create a complete Amphenol part number (PT02A-8-2P).

Plug Example: From the table below, combine a plug shell number (PT06A-SR) with an insert number (8-2S) to create a complete Amphenol part number (PT06A-8-2S-SR). The standard Amphenol PT series shells are constructed with a high grade aluminum alloy and come in a olive drab chromate finish. The black resilient neoprene inserts have pre-installed gold plated contacts with solder cups. **All connectors are shipped fully assembled, labeled, and individually packaged.** For complete connector specifications and descriptions see the previous pages.

* Mouser Part No. prefix is 654- (example of full Mouser part number: 654-PT02A-8-2P)

To make a mating receptacle - plug connection:

From the table below, select a plug combination off of the same line as the selected receptacle combination. For Example: A PT02A-8-2P box mount receptacle will mate with any of the plugs with the 8-2S insert. **Receptacles only mate with plugs on the same line.**



Recognition
File #E115497

PT Receptacles

For quantities of 100 and up, call for quote.

# of Pos.	Shell Size and Insert	General Duty Box Mount * PT02A-									General Duty Jam Nut * PT07A-			General Duty Wall Mount * PT00A-			Environmental Wall Mount * PT00E-		
		Price Each			Price Each			Price Each			Price Each			Price Each					
		1	5	10	1	5	10	1	5	10	1	5	10						
2	8-2P	12.16	10.91	9.66	22.83	20.24	18.55	14.43	13.83	13.23	15.31	14.67	14.03						
2	8-2S	8.40	8.00	6.73	25.83	24.75	23.67	15.63	14.97	14.32	17.68	16.94	16.20						
3	8-3P	13.65	12.24	10.84	23.91	22.91	21.91	15.66	15.01	14.36	16.73	15.34	14.16						
3	8-3S	13.00	11.84	10.75	26.18	25.18	24.08	17.45	16.72	15.99	18.46	17.69	16.93						
3	12-3P	9.12	8.42	7.16	26.80	24.18	21.79	18.34	17.57	16.81	19.59	18.94	17.48						
3	12-3S	15.86	14.84	13.47	30.16	28.43	26.38	20.62	19.77	18.92	22.05	20.70	19.61						
4	8-4P	10.46	9.56	7.86	24.37	23.35	22.34	15.25	14.61	13.97	15.56	14.32	13.07						
4	8-4S	12.35	11.08	9.81	20.40	18.69	17.25	16.42	15.74	15.06	17.82	16.21	15.11						
4	12-4P	21.46	20.09	18.85	35.53	30.80	27.92	24.78	22.89	21.53	36.98	34.55	31.28						
4	12-4S	23.27	22.17	21.08	43.77	41.94	40.12	28.73	27.03	25.49	41.24	38.28	36.66						
5	14-5P	12.22	11.98	11.52	30.63	27.86	24.47	22.10	21.18	20.26	24.98	23.94	22.90						
5	14-5S	19.52	16.77	15.00	37.53	34.56	32.01	23.66	22.24	21.25	28.65	27.46	26.27						
6	10-6P	12.51	11.22	9.93	24.06	22.21	20.62	10.11	11.75	17.31	23.56	20.76	17.96						
6	10-6S	12.55	11.35	10.40	22.65	20.00	18.14	18.50	17.73	16.97	20.85	19.33	17.91						
6	10-98P	10.64	10.20	9.77	27.16	25.49	23.51	17.33	16.61	15.89	20.24	19.40	18.56						
6	10-98S	12.56	12.04	11.52	27.91	25.79	24.24	18.44	16.91	14.92	22.27	21.34	20.41						
8	12-8P	13.39	13.03	11.64	28.28	26.62	25.06	16.42	15.73	15.05	21.54	20.64	19.75						
8	12-8S	11.48	10.53	9.75	32.12	30.24	27.67	21.24	20.35	19.47	22.79	21.84	20.89						
8	16-8P	14.91	13.38	11.85	34.16	30.83	27.14	28.09	26.92	25.75	28.75	26.35	24.32						
8	16-8S	20.36	18.01	17.56	43.47	40.75	37.17	33.74	32.34	30.94	33.07	31.17	28.51						
10	12-10P	15.19	13.81	12.66	28.76	26.85	25.47	18.80	18.01	17.23	22.21	21.28	20.36						
10	12-10S	16.83	14.63	13.18	32.97	31.60	30.23	22.67	21.72	20.78	24.01	22.17	21.32						
11	18-11P	22.65	21.71	20.78	41.29	38.78	36.51	28.42	26.56	24.76	32.74	30.33	28.66						
11	18-11S	29.89	27.58	25.62	49.12	45.15	42.60	39.48	37.83	36.19	43.27	41.46	39.66						
12	14-12P	15.37	14.86	13.85	31.22	28.36	26.81	22.87	21.92	20.97	24.27	22.86	21.58						
12	14-12S	19.77	18.26	15.65	39.62	37.96	36.31	27.10	25.97	24.84	32.26	30.92	29.58						
15	14-15P	15.80	14.27	12.74	34.02	32.60	31.19	21.15	20.27	19.40	29.50	28.27	27.04						
15	14-15S	16.65	15.38	14.28	35.19	32.25	29.77	23.58	22.70	21.45	35.28	33.81	32.34						
16	20-16P	29.69	26.26	22.83	46.80	43.43	41.29	36.26	33.72	31.88	39.13	35.87	33.11						
16	20-16S	38.65	34.85	31.05	52.51	45.31	42.36	43.19	39.59	36.54	52.19	50.01	47.84						
18	14-18P	18.93	17.00	15.07	35.37	33.89	32.42	23.42	22.44	21.47	24.48	22.44	19.80						
18	14-18S	19.16	17.46	16.57	42.98	41.19	39.40	26.99	25.87	24.75	33.98	32.56	31.15						
19	14-19P	18.08	15.98	14.74	32.08	30.74	29.41	23.79	22.80	21.81	23.61	22.61	21.62						
19	14-19S	20.70	18.34	15.98	42.16	40.40	38.64	27.01	24.48	22.87	33.44	32.04	30.65						
21	22-21P	34.91	33.46	32.02	52.64	49.44	46.55	39.69	36.38	33.58	44.55	40.84	37.69						
21	22-21S	45.51	42.02	37.41	58.71	53.82	49.68	49.77	45.62	42.11	65.55	60.09	55.46						
23	16-23P	21.00	20.09	19.19	40.29	37.86	35.66	28.37	26.31	24.83	33.55	31.51	29.66						
23	16-23S	28.33	25.37	24.53	49.82	46.07	43.40	33.08	30.32	27.99	37.96	34.79	32.12						
26	16-26P	20.78	17.82	15.97	37.71	35.53	34.05	26.83	25.28	23.58	29.71	27.24	25.14						
26	16-26S	26.81	25.55	24.28	47.53	43.67	41.20	38.81	37.19	35.57	36.24	32.73	29.41						
27	20-27P	34.73	33.29	31.85	54.36	51.05	48.06	40.87	37.47	34.59	45.03	41.28	38.10						
27	20-27S	49.93	47.84	45.76	67.76	63.64	59.92	56.74	54.27	50.72	60.72	58.11	56.46						
32	18-32P	24.53	22.77	21.51	45.66	43.76	41.86	35.04	33.58	32.12	39.87	38.20	36.54						
32	18-32S	32.66	30.01	27.68	51.68	45.60	42.55	34.28	31.65	28.57	45.08	42.33	39.85						
41	20-41P	38.20	36.48	35.49	65.28	62.55	59.83	40.40	36.18	33.67	51.08	47.61	44.28						
41	20-41S	56.06	54.80	53.54	80.49	75.59	71.17	65.91	61.30	57.94	72.52	72.57	69.42						
55	22-55P	43.76	39.75	35.74	66.28	63.52	60.76	55.43	53.11	50.80	60.93	58.39	55.85						
55	22-55S	62.84	59.76	56.16	87.04	79.78	73.65	86.39	82.79	79.14	92.74	72.88	85.01						
61	24-61P	51.06	46.81	43.20	86.45	79.25	73.15	63.74	58.43	53.94	70.57	64.69	59.71						
61	24-61S	62.37	61.57	60.89	113.32	103.88	95.89	90.61	83.06	76.67	92.40	85.07	77.67						

PT Mating Plugs

For quantities of 100 and up, call for quote.

# of Pos.	Shell Size and Insert	General Duty Plug with Strain Relief * PT06A-XX-XXX-SR			Environmental Plug with Strain Relief * PT06E-XX-XXX-SR		
		Price Each			Price Each		
		1	5	10	1	5	10
2	8-2S	25.54	23.00	19.58	24.84	23.26	21.82
2	8-2P	24.18	23.04	21.90	16.92	16.12	15.33
3	8-3S	24.92	22.66	20.78	26.82	23.80	19.96
3	8-3P	19.79	18.85	17.92	23.08	21.50	20.51
3	12-3S	26.80	23.91	21.50	20.55	18.98	16.27
3	12-3P	23.04	21.26	19.20	23.12	20.70	19.26
4	8-4S	21.82	18.75	16.82	26.28	24.26	20.96
4	8-4P	25.45	22.55	19.65	18.42	16.52	14.62
4	12-4S	30.32	28.50	26.83	32.21	30.71	29.22
4	12-4P	30.75	27.20	23.65	48.34	43.17	39.76
5	14-5S	32.99	29.17	25.35	26.79	23.70	20.61
5	14-5P	27.60	25.25	23.83	26.94	24.54	23.30
6	10-6S	30.78	27.22	23.67	31.95	27.62	24.08
6	10-6P	24.79	20.94	18.30	19.24	17.18	14.65
6	10-98S	28.71	27.51	26.32	28.35	26.61	25.04
6	10-98P	25.57	23.83	22.31	27.49	25.38	23.56
8	12-8S	26.60	24.55	22.80	34.57	30.56	26.56
8	12-8P	25.19	23.18	21.45	28.66	25.35	22.04
8	16-8S	35.04	33.41	31.79	38.86	33.03	27.20
8	16-8P	31.79	30.32	28.85	40.57	36.15	31.73
10	12-10S	23.99	21.95	18.50	26.10	22.99	19.25
10	12-10P	19.95	17.52	14.25	21.45	19.81	16.33
11	18-11S	45.22	42.57	39.65	53.32	50.09	47.16
11	18-11P	39.04	36.75	34.45	45.94	41.14	38.29
12	14-12S	35.80	34.14	32.49	25.94	22.96	19.98
12	14-12P	25.13	23.20	21.54	32.31	30.33	28.04
15	14-15S	25.07	23.57	21.92	41.70	38.49	35.73
15	14-15P	23.15	22.05	20.96	33.66	30.85	28.48
16	20-16S	58.00	51.76	48.07	58.53	53.34	48.16
16	20-16P	45.77	42.60	40.21	51.46	46.62	41.79
18	14-18S	36.69	33.63	31.63	32.12	28.40	24.68
18	14-18P	21.59	20.57	19.55	24.90	23.27	21.87
19	14-19S	38.80	37.00	35.21	31.13	27.53	23.94
19	14-19P	33.40	29.54	25.68	25.72	23.99	21.56
21	22-21S	68.86	61.45	55.47	70.77	62.90	57.03
21	22-21P	54.71	51.38	48.38	54.01	50.18	47.42
23	16-23S	45.45	41.84	38.77	48.69	45.83	42.69
23	16-23P	36.55	33.64	31.17	42.84	39.54	36.72
26	16-26S	44.08	39.48	36.24	40.02	36.46	34.61
26	16-26P	37.98	34.95	32.38	40.54	37.40	34.94
27	20-27S	62.32	59.16	57.22	71.83	67.46	63.51
27	20-27P	53.06	49.84	46.93	58.43	54.87	51.66
32	18-32S	49.90	46.87	44.13	53.57	49.07	46.95
32	18-32P	44.62	41.28	38.24	49.45	46.03	43.16
41	20-41S	80.25	73.58	69.74	83.62	78.52	73.92