

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 an 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-			Jam Nut * PT07A-			Wall Mount * PT00A-			Environmental Wall Mount * PT00E-		
		Price Each			Price Each			Price Each			Price Each		
		1	10	25	1	10	25	1	10	25	1	10	25
2	8-2P	10.52	9.16	8.77	22.83	20.24	18.55	13.07	12.23	11.58	16.77	15.53	13.57
2	8-2S	7.00	6.67	5.61	24.61	22.56	20.50	16.17	14.82	13.68	17.38	15.93	14.70
3	8-3P	11.42	10.44	9.31	24.26	21.18	19.62	15.34	14.07	12.98	16.73	15.34	14.10
3	8-3S	10.84	9.87	8.96	23.45	21.65	20.11	16.76	15.36	14.18	18.15	16.64	15.36
3	12-3P	12.35	11.32	10.45	22.34	20.15	18.16	17.66	16.19	14.94	19.59	18.94	17.48
3	12-3S	14.23	13.05	12.04	26.82	24.76	22.05	19.53	17.91	16.53	20.30	18.59	17.40
4	8-4P	8.72	7.97	7.33	25.27	23.05	21.55	15.73	13.31	11.85	15.56	14.32	13.07
4	8-4S	10.62	9.14	8.56	17.00	15.58	14.38	15.45	14.12	13.10	17.10	14.66	13.23
4	12-4P	19.63	18.00	16.61	35.53	30.80	27.92	22.41	19.77	18.17	36.98	34.55	31.28
4	12-4S	22.23	20.39	18.79	38.62	35.40	32.68	26.57	24.46	22.66	37.40	33.37	31.99
5	14-5P	13.91	12.60	11.50	30.63	27.86	24.47	21.01	18.80	17.76	23.56	21.59	19.93
5	14-5S	16.27	15.01	13.94	31.28	28.80	26.68	21.33	19.59	18.68	26.57	24.36	22.49
6	10-6P	11.00	10.01	9.32	20.05	18.51	17.19	16.76	15.63	14.43	19.11	17.99	16.46
6	10-6S	11.28	10.31	9.83	18.88	16.67	15.12	18.77	16.34	15.66	19.67	17.55	15.63
6	10-98P	11.16	10.23	9.30	25.87	23.72	20.93	16.72	15.33	14.15	19.50	17.88	15.77
6	10-98S	12.67	11.07	10.11	25.11	22.15	20.34	18.44	16.91	14.92	19.37	17.88	16.49
8	12-8P	11.16	10.86	9.70	25.55	23.54	21.71	16.46	15.69	14.26	20.56	18.85	17.40
8	12-8S	9.57	8.78	8.13	28.76	26.48	22.81	20.47	17.12	16.60	22.93	21.02	19.41
8	16-8P	13.78	12.48	11.40	34.16	30.83	27.14	25.83	23.68	21.86	28.75	26.35	24.32
8	16-8S	20.36	18.01	17.56	36.23	33.96	30.98	30.50	27.96	25.80	29.65	27.37	23.58
10	12-10P	12.66	11.51	10.55	27.63	25.05	23.55	16.97	15.78	14.77	21.08	19.09	17.33
10	12-10S	14.46	13.19	12.13	31.43	28.82	26.60	17.60	16.25	15.08	21.95	19.36	18.74
11	18-11P	20.98	19.50	18.63	38.04	34.87	32.19	25.77	23.35	21.05	30.56	27.20	25.32
11	18-11S	24.91	22.99	21.35	44.95	39.24	36.35	35.27	32.33	29.85	39.14	35.88	33.12
12	14-12P	14.02	13.70	12.37	29.59	25.24	23.51	21.57	19.78	18.26	22.40	20.68	19.20
12	14-12S	16.48	15.22	14.13	36.08	33.07	30.53	26.45	24.25	22.38	29.32	26.87	24.81
15	14-15P	13.25	12.00	10.97	30.93	28.36	26.18	20.83	19.09	17.62	27.57	24.83	22.92
15	14-15S	13.88	12.82	11.90	35.19	32.25	29.77	21.13	20.45	19.02	31.82	29.17	26.92
16	20-16P	27.09	24.94	23.11	42.89	38.27	36.08	33.00	29.56	27.51	39.13	35.87	33.11
16	20-16S	32.19	29.63	27.06	52.51	45.31	42.36	43.19	39.59	36.54	46.30	42.44	39.18
18	14-18P	16.07	14.73	13.60	33.10	31.24	28.60	21.88	20.06	18.51	24.48	22.44	19.80
18	14-18S	21.00	18.05	16.30	37.34	34.23	31.59	27.71	25.40	23.45	30.31	27.79	25.65
19	14-19P	15.07	13.32	12.29	31.62	28.98	26.75	21.99	20.16	17.79	24.47	22.43	20.71
19	14-19S	16.72	15.33	14.15	38.90	35.90	33.33	25.95	22.06	20.00	29.37	26.93	24.85
21	22-21P	31.40	28.78	26.57	48.63	44.58	41.15	39.69	36.38	33.58	44.55	40.84	37.69
21	22-21S	37.93	35.02	31.18	58.71	53.82	49.68	49.77	45.62	42.11	54.63	50.08	46.22
23	16-23P	17.71	16.07	15.52	36.11	33.10	30.56	25.46	22.63	20.97	30.81	28.24	26.07
23	16-23S	26.00	22.71	21.04	44.75	39.55	36.49	33.08	30.32	27.99	37.96	34.79	32.12
26	16-26P	17.32	16.08	15.01	33.68	31.05	29.83	24.30	22.43	20.25	29.71	27.24	25.14
26	16-26S	24.32	22.45	20.85	43.88	38.91	35.49	33.69	30.89	28.51	36.24	32.73	29.41
27	20-27P	31.63	28.99	26.76	50.09	45.92	42.38	40.87	37.47	34.59	45.03	41.28	38.10
27	20-27S	43.83	40.18	37.09	62.29	57.10	52.71	53.08	48.66	44.91	50.60	48.91	46.88
32	18-32P	22.30	19.89	18.47	40.81	37.41	34.54	31.13	28.54	26.34	35.51	32.55	30.05
32	18-32S	27.22	25.01	23.07	43.07	38.00	35.46	34.28	31.65	28.57	41.78	38.30	35.35
41	20-41P	31.84	30.40	29.58	56.65	51.93	47.94	40.40	33.67	33.67	47.25	42.60	38.21
41	20-41S	46.72	45.67	44.62	74.08	67.91	62.68	59.46	53.25	49.55	68.04	62.37	57.58
55	22-55P	43.21	40.97	37.72	63.99	58.42	53.95	51.50	47.21	43.58	56.41	51.71	47.73
55	22-55S	69.80	63.98	59.06	87.04	79.78	73.65	78.09	71.58	66.08	83.00	76.08	70.23
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	10	25	1	10	25	1	10	25	1	10	25
2	8-2S	21.29	19.17	18.20	22.80	20.90	19.29						
2	8-2P	21.31	19.53	18.03	14.58	13.34	12.27						
3	8-3S	24.92	22.66	20.78	22.35	19.84	17.90						
3	8-3P	17.46	16.09	15.35	21.29	19.18	18.22						
3	12-3S	22.77	20.40	18.78	17.13	15.82	14.69						
3	12-3P	19.20	17.72	16.00	23.12	20.70	19.26						
4	8-4S	20.81	18.75	16.82	21.90	20.22	19.85						
4	8-4P	22.62	20.56	18.85	16.18	14.86	13.76						
4	12-4S	26.97	24.89	23.11	30.94	28.13	25.78						
4	12-4P	26.31	23.72	21.28	40.29	35.98	33.14						
5	14-5S	28.74	26.26	24.17	33.58	30.90	26.77						
5	14-5P	25.65	22.36	20.91	30.13	27.62	25.49						
6	10-6S	24.78	22.22	19.39	26.61	24.39	22.51						
6	10-6P	20.66	18.37	16.53	17.02	14.67	13.51						
6	10-98S	23.99	21.80	19.98	26.99	24.74	22.83						
6	10-98P	23.32	20.99	19.10	22.91	21.15	19.64						
8	12-8S	22.17	20.46	19.00	29.05	26.55	23.69						
8	12-8P	21.83	20.15	18.71	24.30	21.68	19.85						
8	16-8S	34.97	31.27	28.98	36.32	31.13	28.74						
8	16-8P	31.85	27.34	25.61	35.42	31.38	27.95						
10	12-10S	19.57	17.88	16.46	22.67	20.92	18.03						
10	12-10P	16.80	15.25	14.00	17.88	16.51	15.33						
11	18-11S	40.35	37.15	33.40	48.68	44.63	41.19						
11	18-11P	34.73	31.97	29.19	38.29	34.29	31.91						
12	14-12S	32.12	29.30	26.94	21.25	18.38	17.02						
12	14-12P	25.13	23.20	21.54	26.93	25.28	23.37						
15	14-15S	22.53	20.83	18.84	34.75	32.08	29.78						
15	14-15P	21.00	19.29	18.07	33.66	30.85	28.48						
16	20-16S	48.34	43.14	40.06	50.78	46.88	43.55						
16	20-16P	42.55	38.25	35.50	44.29	41.11	38.46						
18	14-18S	33.75	29.47	27.30	26.91	24.59	22.63						
18	14-18P	20.12	18.47	16.13	22.96	21.05	19.43						
19	14-19S	35.17	31.07	28.68	29.50	27.08	25.02						
19	14-19P	28.81	26.33	24.24	24.38	22.16	20.32						
21	22-21S	57.39	51.21	46.23	58.98								