

# AMPHENOL Miniature Cylindrical Connectors Amphenol®

## PT SERIES SOLDER TYPE (MIL-DTL-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)

### PT Receptacles

For quantities greater than listed, 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		
		1	5	10	1	5	10	1	5	10	1	5	10
2	8-2P	12.50	11.50	10.41	25.11	22.26	20.41	14.43	13.83	13.23	19.90	19.05	16.28
2	8-2S	10.44	9.94	9.19	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	11.36	23.91	22.91	21.91	15.66	15.01	14.36	16.70	15.34	14.16
3	8-3S	13.96	12.84	11.75	26.38	25.38	24.27	17.45	16.72	15.99	18.46	17.69	16.93
3	12-3P	11.88	10.97	10.26	30.99	27.96	25.19	18.34	17.57	16.81	21.53	20.83	19.23
3	12-3S	16.68	15.94	15.11	35.92	33.79	31.28	20.62	19.77	18.92	23.81	22.77	21.57
4	8-4P	10.51	9.61	8.51	24.37	23.35	22.34	15.25	14.61	13.97	15.80	14.64	13.36
4	8-4S	12.35	11.08	10.28	28.33	25.95	23.96	16.42	15.74	15.06	18.55	17.83	16.62
4	12-4P	23.30	22.10	20.74	39.08	33.88	30.71	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	45.08	42.11	40.33
5	14-5P	13.74	13.48	12.89	32.01	30.65	26.92	22.10	21.18	20.26	24.98	23.94	22.90
5	14-5S	19.52	18.45	16.44	39.21	38.02	35.21	25.99	24.46	23.38	28.65	27.46	26.27
6	10-6P	12.37	11.80	10.44	26.68	24.62	22.86	20.55	19.16	17.69	23.56	20.76	17.96
6	10-6S	13.18	11.92	10.92	25.22	22.27	20.20	18.50	17.73	16.97	21.45	20.67	19.08
6	10-98P	10.64	10.20	9.77	28.46	27.04	25.86	17.33	16.61	15.89	20.24	19.40	18.56
6	10-98S	12.56	12.04	11.52	30.70	28.37	26.66	18.44	16.91	14.92	22.27	21.34	20.41
8	12-8P	13.39	13.03	11.64	33.96	32.51	27.78	16.42	15.73	15.05	21.54	20.64	19.75
8	12-8S	13.27	12.24	11.87	33.26	30.44	28.28	24.58	23.53	20.11	22.79	21.84	20.89
8	16-8P	16.66	14.91	14.28	37.58	33.91	29.85	28.09	26.92	25.75	28.75	26.35	24.32
8	16-8S	20.36	18.01	17.56	46.14	44.83	40.89	33.74	32.34	30.94	36.49	34.29	31.36
10	12-10P	16.45	15.52	14.52	29.90	28.99	28.02	18.80	18.01	17.23	22.21	21.28	20.36
10	12-10S	16.83	15.89	14.50	33.30	31.92	30.54	22.67	21.72	20.78	26.08	24.39	23.45
11	18-11P	22.65	21.71	20.78	41.29	38.78	36.51	31.07	29.22	27.24	34.93	33.36	31.53
11	18-11S	31.43	30.34	28.18	53.29	49.67	46.86	39.48	37.83	36.19	43.27	41.46	39.66
12	14-12P	17.97	17.34	16.37	32.86	31.20	29.49	22.87	21.92	20.97	26.14	25.15	23.74
12	14-12S	22.69	21.03	17.17	39.62	37.96	36.31	27.10	25.97	24.84	32.26	30.92	29.58
15	14-15P	17.78	16.06	15.76	34.02	32.60	31.19	21.15	20.27	19.40	29.50	28.27	27.04
15	14-15S	19.16	17.70	16.43	35.19	32.25	29.77	25.94	24.97	23.60	35.28	33.81	32.34
16	20-16P	29.69	28.89	25.11	50.71	47.77	45.42	39.53	37.09	35.07	42.83	39.46	36.42
16	20-16S	38.65	36.85	33.87	57.76	49.84	46.60	43.19	39.59	36.54	52.19	50.01	47.84
18	14-18P	20.02	19.17	16.38	35.37	33.89	32.42	23.42	22.44	21.47	24.48	22.44	19.80
18	14-18S	31.20	28.42	26.97	47.28	45.31	43.34	26.99	25.87	24.75	33.98	32.56	31.15
19	14-19P	18.08	17.58	16.21	32.08	30.74	29.41	23.79	22.80	21.81	23.61	22.61	21.62
19	14-19S	26.98	23.88	20.88	43.55	41.73	39.91	28.07	26.93	25.16	33.44	32.04	30.65
21	22-21P	34.91	33.46	32.02	56.66	54.38	51.21	39.69	36.38	33.58	49.07	44.92	41.46
21	22-21S	48.52	46.22	41.15	64.58	59.20	54.65	54.75	50.18	46.32	72.06	66.10	61.01
23	16-23P	21.00	20.09	19.19	44.32	41.65	39.23	31.21	28.94	27.31	36.30	34.66	32.63
23	16-23S	29.95	27.91	26.98	54.80	50.68	47.74	33.08	30.32	27.99	—	—	—
26	16-26P	21.66	20.43	18.01	41.48	39.08	37.46	29.36	27.81	25.94	32.83	29.96	27.65
26	16-26S	26.81	25.55	24.28	56.70	54.29	46.39	38.81	37.19	35.57	41.84	36.00	32.35
27	20-27P	34.73	33.29	31.85	58.64	56.16	52.87	40.87	37.47	34.59	45.03	41.28	38.10
27	20-27S	49.93	47.84	45.76	73.24	70.00	65.91	59.22	56.74	54.27	63.77	61.38	58.46
32	18-32P	26.76	25.05	23.66	45.66	43.76	41.86	35.04	33.58	32.12	39.87	38.20	36.54
32	18-32S	35.64	33.01	30.45	56.85	50.16	46.81	37.71	34.82	31.43	48.38	46.56	43.84
41	20-41P	41.96	40.13	38.46	65.28	62.55	59.83	40.40	36.18	33.67	54.92	52.37	48.71
41	20-41S	61.67	60.28	58.89	83.15	78.29	65.91	61.30	57.94	54.72	75.72	72.57	69.42
55	22-55P	53.88	51.59	44.08	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	79.19	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

### 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.**



### PT Mating Plugs

For quantities greater than listed, 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	21.54	26.89	25.59	24.00
2	8-2P	25.03	23.85	22.67	17.37	16.55	15.74
3	8-3S	24.92	22.66	20.78	27.83	26.98	22.63
3	8-3P	21.66	20.63	19.61	24.30	23.18	20.88
3	12-3S	26.44	24.58	22.11	25.78	23.80	20.40
3	12-3P	23.78	21.94	19.81	23.12	20.70	19.26
4	8-4S	24.00	20.63	18.50	27.97	25.82	22.31
4	8-4P	24.09	23.55	21.77	23.94	21.47	19.00
4	12-4S	31.35	29.47	27.74	43.87	41.82	39.80
4	12-4P	31.80	28.13	24.46	49.59	44.29	40.79
5	14-5S	32.14	29.17	27.89	33.17	32.28	28.07
5	14-5P	28.53	26.10	24.63	29.47	26.99	25.63
6	10-6S	30.19	27.61	24.01	33.31	31.46	27.43
6	10-6P	24.79	23.03	20.13	26.14	23.35	19.91
6	10-98S	28.71	27.51	26.32	29.72	28.66	27.25
6	10-98P	27.83	26.21	24.54	27.49	25.38	23.56
8	12-8S	28.27	27.01	25.08	35.89	33.32	30.33
8	12-8P	29.27	28.40	27.53	29.57	27.19	25.01
8	16-8S	35.04	33.41	31.79	49.33	47.24	45.22
8	16-8P	31.79	30.32	28.85	41.79	39.77	34.90
10	12-10S	27.75	25.39	23.09	30.42	26.78	22.43
10	12-10P	24.24	23.74	19.31	25.22	23.30	19.20
11	18-11S	50.49	47.54	44.28	53.32	50.09	47.16
11	18-11P	42.94	40.43	37.90	49.23	45.25	42.12
12	14-12S	37.43	35.69	33.97	37.75	33.42	29.08
12	14-12P	34.01	29.08	26.87	34.47	30.33	28.04
15	14-15S	28.56	26.85	24.97	45.80	42.34	39.30
15	14-15P	26.30	25.05	23.81	33.66	30.85	28.48
16	20-16S	60.69	56.94	52.88	58.53	53.34	48.16
16	20-16P	49.00	46.86	44.23	53.26	51.28	45.97
18	14-18S	40.97	38.24	35.97	36.72	32.46	28.21
18	14-18P	28.01	26.69	25.36	29.41	27.49	25.83
19	14-19S	40.20	38.33				