PT-Series, Solder Type — MIL-C-26482, Series 1

UL Recognized
File E115497,
Section 5

Receptacles mate with plugs that are on the same line the table. **Ordering Examples:** Environmental — PT02E-10-6P; Environmental with Strain Relief — PT01E-10-6P-SR.

Class E Environmental Receptacles

Shell Size and Contacts	Wall Mounting		Cable Connecting		Box Mounting		Jam Nut	
	PT00E		PT01E		PT02E		PT07E	
	EACH		EACH		EACH		EACH	
	1-9	10-24	1-9	10-24	1-9	10-24	1-9	10-24
8-2P	14.04	11.69	13.85	11.64	7.94	6.67	29.04	24.40
8-2S	14.91	12.42	14.77	12.31	9.15	7.41	29.87	24.45
8-3P	14.06	11.72	13.92	11.61	7.77	6.53	29.06	24.42
8-3S	15.89	13.23	15.75	13.12	9.67	8.13	30.82	25.23
8-4P	14.27	11.89	14.09	11.84	8.22	6.91	29.09	24.45
8-4S	16.16	13.48	15.78	13.25	9.59	8.06	30.64	25.71
10-5P	23.43	19.53	23.46	19.54	12.15	9.94	38.09	31.74
10-5S	25.82	21.52	25.84	21.54	14.75	12.23	40.49	33.74
10-6P	16.57	13.92	16.58	13.93	9.53	8.01	31.19	26.21
10-6S	19.26	16.18	19.27	16.20	12.22	10.27	34.08	28.64
10-98P	17.02	14.18	17.03	14.19	9.54	7.73	31.50	25.77
10-98S	19.54	16.28	19.56	16.30	11.95	10.02	34.20	27.98
12-3P	17.28	14.40	17.92	15.05	9.68	8.13	32.47	27.28
12-3S	18.94	15.79	19.77	16.47	11.34	9.53	34.23	28.02
12-4P	33.22	27.61	33.21	27.61	16.77	14.10	50.94	41.69
12-4S	36.22	29.64	35.91	29.93	19.59	16.45	52.69	43.11
12-8P	18.20	15.16	19.43	15.91	10.41	8.74	33.44	27.36
12-8S	21.63	18.03	22.69	18.90	14.06	11.82	37.24	31.29
12-10P	18.84	15.70	19.66	16.38	11.04	9.28	34.23	28.76
12-10S	22.92	19.09	24.01	20.17	15.61	13.12	38.71	31.67
14-5P	19.82	16.52	20.66	17.21	12.30	10.07	34.38	28.14
14-5S	22.50	18.75	23.33	19.44	14.87	12.50	37.22	30.46
14-12P	21.38	17.81	22.20	18.51	13.45	11.30	36.04	29.50
14-12S	26.78	22.32	27.84	23.20	19.32	16.24	42.08	34.43
14-15P	24.68	20.57	25.40	21.17	13.59	11.42	39.84	32.59
14-15S	31.17	25.97	32.44	27.00	20.51	17.24	46.82	38.31
14-18P	22.52	18.77	23.35	19.45	15.06	12.66	37.38	31.41
14-18S	31.19	26.21	32.04	26.69	23.81	20.00	46.33	37.89
14-19P	29.55	24.62	24.23	19.83	15.24	12.80	37.54	30.73
14-19S	30.42	25.36	31.78	26.49	25.26	21.23	47.27	38.66
16-8P	24.26	20.22	25.09	20.91	15.24	12.81	46.70	38.21
16-8S	28.60	23.82	29.43	24.53	19.99	16.55	49.95	40.87
16-26P	28.20	23.50	30.07	24.59	18.93	15.91	49.98	40.89
16-26S	38.76	32.30	40.99	33.62	30.31	25.48	60.97	49.86
18-11P	27.20	22.67	28.98	24.15	16.77	14.09	47.27	38.67
18-11S	33.31	27.76	35.10	29.25	22.70	19.08	52.93	43.31
18-32P	34.31	28.60	37.11	30.92	23.24	19.53	54.02	44.19
18-32S	44.77	37.30	47.48	39.90	34.83	29.26	67.26	56.52
20-16P	34.63	28.86	37.73	31.09	23.19	19.48	59.64	50.12
20-16S	42.63	35.52	46.34	37.91	31.20	26.22	66.61	54.50
20-24P	44.99	37.50	37.10	30.91	25.68	21.58	69.14	56.57
20-24S	53.02	44.55	55.69	46.41	33.74	28.35	77.76	63.62
20-27P	39.58	32.98	42.84	35.06	26.90	22.60	63.15	51.66
20-27S	49.78	40.73	52.70	43.12	36.02	30.27	72.93	59.66
20-39P	50.12	41.01	53.01	43.37	31.78	26.71	73.23	59.92
20-39S	60.83	49.77	58.82	49.02	41.98	35.28	83.98	68.71
20-41P	44.57	36.48	47.44	38.81	34.16	28.71	67.73	55.41
20-41S	58.34	47.73	61.24	50.11	45.20	37.98	81.45	66.63
22-21P	40.16	32.86	40.62	33.23	27.56	23.15	62.68	51.29
22-21S	52.19	42.69	52.61	43.04	38.80	32.60	74.72	61.14
22-34P	52.49	42.95	50.81	42.36	30.23	25.40	74.29	60.77
22-34S	67.14	54.94	66.95	54.78	43.83	36.83	89.06	72.87
22-55P	49.37	40.39	49.84	40.78	35.89	30.15	71.91	58.84
22-55S	71.25	58.29	68.89	57.90	56.17	47.21	89.75	75.42
24-61P	63.92	52.29	61.73	50.52	44.05	36.26	96.81	81.36
24-61S	85.41	69.88	81.13	66.81	63.07	53.01	116.67	98.04

Class E Environmental Plugs

Shell Size and Contacts	Straight		90° Angle	
	PT06E		PT08E	
	EACH		EACH	
	1-9	10-24	1-9	10-24
8-2S	13.46	11.23	53.94	44.13
8-2P	12.40	10.42	53.05	43.39
8-3S	14.36	12.07	54.98	44.99
8-3P	12.42	10.43	53.07	43.42
8-4S	14.76	12.40	55.07	45.06
8-4P	12.68	10.65	53.27	43.59
10-5S	24.77	20.82	71.59	58.57
10-5P	22.24	18.68	68.02	57.47
10-6S	18.06	15.17	64.21	52.52
10-6P	15.37	12.91	61.45	50.27
10-98S	18.57	15.61	64.56	52.82
10-98P	15.80	13.28	60.47	50.81
12-3S	18.48	15.53	58.42	49.09
12-3P	16.69	14.02	58.29	47.68
12-4S	35.34	29.70	76.80	62.83
12-4P	32.54	27.35	72.81	61.18
12-8S	21.20	17.82	62.93	51.47
12-8P	17.42	14.64	59.85	48.98
12-10S	22.60	19.00	64.05	53.82
12-10P	18.07	15.19	59.93	49.03
14-5S	22.30	18.74	54.89	46.13
14-5P	19.84	16.68	53.44	43.73
14-12S	27.88	23.42	61.18	50.07
14-12P	22.48	18.89	55.11	45.09
14-15S	31.57	26.52	65.91	53.94
14-15P	24.86	20.90	58.92	48.20
14-18S	31.41	26.40	64.23	53.96
14-18P	22.54	18.94	55.53	46.66
14-19S	30.98	26.04	66.55	54.45
14-19P	22.73	19.11	56.67	46.36
16-8S	28.94	24.32	75.68	61.92
16-8P	24.61	20.68	70.92	58.14
16-26S	39.85	33.49	84.29	70.83
16-26P	28.73	24.15	72.88	61.24
18-11S	34.05	28.62	75.04	61.39
18-11P	27.93	23.47	66.23	55.65
18-32S	46.22	38.85	84.75	71.22
18-32P	34.86	29.30	73.32	61.61
20-16S	43.04	36.17	80.99	66.26
20-16P	35.02	29.43	72.39	59.24
20-24S	53.45	44.92	92.28	75.50
20-24P	45.41	38.16	83.59	68.39
20-27S	48.91	41.10	87.40	71.51
20-27P	39.77	33.41	77.49	63.38
20-39S	59.18	49.73	98.40	80.50
20-39P	49.24	41.38	87.71	71.77
20-41S	57.18	48.05	95.94	78.48
20-41P	46.17	38.81	82.13	67.21
22-21S	51.44	43.22	95.70	78.30
22-21P	40.53	34.05	79.40	66.72
22-34S	64.68	54.36	109.04	89.21
22-34P	51.05	42.90	90.26	75.84
22-55S	69.57	58.47	108.27	90.99
22-55P	48.82	41.03	91.91	75.19
24-61S	81.81	68.75	131.72	107.75
24-61P	61.87	51.99	105.05	88.28

Class E Environmental Receptacles with Strain Relief

Shell Size and Contacts	Wall Mounting		Cable Connecting		Jam Nut	
	PT00E-SR		PT01E-SR		PT07E-SR	
	EACH		EACH		EACH	
	1-9	10-24	1-9	10-24	1-9	10-24
8-2P	21.34	17.78	21.18	17.80	72.58	59.37
8-2S	22.03	18.52	21.96	18.45	72.05	58.96
8-3P	21.77	17.81	21.22	17.68	72.59	59.40
8-3S	22.95	19.13	22.95	19.29	74.37	60.84
8-4P	21.54	18.10	21.40	17.99	72.80	59.56
8-4S	23.19	19.48	23.19	19.49	74.43	60.89
10-5P	31.88	26.38	30.63	25.52	66.13	54.09
10-5S	34.39	28.46	33.13	27.52	68.95	57.46
10-6P	23.67	19.89	23.84	20.04	59.71	50.19
10-6S	26.36	22.15	26.54	22.30	64.45	52.74
10-98P	24.02	20.01	24.03	20.02	62.15	50.85
10-98S	26.51	22.09	26.70	22.43	63.18	53.10
12-3P	23.29	19.57	24.04	20.03	78.99	64.63
12-3S	24.88	20.74	25.91	21.78	80.84	66.14
12-4P	39.26	32.71	40.06	33.38	91.76	76.46
12-4S	42.36	35.60	43.61	35.67	94.44	78.70
12-8P	24.14	20.11	25.14	21.13	80.00	65.45
12-8S	27.54	22.95	28.65	24.07	83.71	68.49
12-10P	24.77	20.64	25.80	21.68	80.73	66.06
12-10S	29.56	24.63	30.37	25.52	85.29	69.78
14-5P	26.35	21.96	27.42	23.05	48.42	39.63
14-5S	29.01	24.17	30.08	25.28	51.29	41.97
14-12P	27.83	23.20	28.79	24.19	50.11	41.01
14-12S	33.52	27.94	34.56	29.04	54.43	45.35
14-15P	31.46	26.44	32.25	26.87	52.36	43.63
14-15S	37.89	31.58	39.44	33.14	60.87	49.80
14-18P	29.25	24.38	30.08	25.07	51.58	42.21
14-18S	37.41	31.17	39.27	32.29	60.41	49.42

Class E Environmental Plugs with Strain Relief

Shell Size and Contacts	Straight	90° Angle
	PT06E-SR	PT08E-SR
	EACH	EACH
	1-9	1-9
8-2S	20.65	52.75
8-2P	19.71	51.86
8-3S	21.63	54.10
8-3P	19.72	52.87
8-4S	22.08	53.85
8-4P	19.95	52.41
10-5S	31.66	71.59
10-5P	29.65	68.02
10-6S	25.81	62.80
10-6P	22.49	59.67
10-98S	24.68	64.56
10-98P	23.02	61.91
12-3S	24.69	58.79
12-3P	22.84	57.09
12-4S	41.75	78.53
12-4P	38.98	75.55
12-8S	27.39	61.26
12-8P	23.75	59.85
12-10S	28.97	63.21
12-10P	24.39	58.26
14-5S	29.03	54.89
14-5P	26.61	53.44
14-12S	31.64	60.02
14-12P	28.16	54.12
14-15S	36.71	64.60
14-15P	31.70	57.68
14-18S	38.27	64.21
14-18P	29.52	123.78

Class E Environmental Receptacles with Strain Relief (continued)

Shell Size and Contacts	Wall Mounting		Cable Connecting		Jam Nut	
	PT00E-SR		PT01E-SR		PT07E-SR	
	EACH		EACH		EACH	
	1-9	10-24	1-9	10-24	1-9	10-24
14-19P	29.55	24.62	30.37	25.11	51.65	42.25
14-19S	37.16	30.97	39.01	32.09	58.72	49.34
16-8P	32.40	27.00	33.52	28.17	77.72	63.59
16-8S	45.93	30.62	38.01	31.31	79.16	66.53
16-26P	36.35	30.29	37.25	31.31	82.07	67.14
16-26S	47.74	40.11	51.01	42.87	93.40	76.41
18-11P	36.40	30.33	38.23	32.13	71.03	58.12
18-11S	42.47	35.39	45.19	36.97	76.08	62.24
18-32P	43.49	36.55	45.36	38.11	78.72	64.41
18-32S	55.32	46.49	56.68	47.23	90.01	73.64
20-16P	43.62	36.66	47.35	38.74	132.18	108.14
20-16S	51.57	42.97	57.36	46.93	136.89	112.00
20-24P	53.98	44.98	58.55	47.91	142.81	116.84
20-24S	62.00	51.67	67.19	54.98	152.34	124.65
20-27P	49.59	40.58	51.02	42.51	130.23	108.52
20-27S	59.40	48.60	60.15	50.12	147.16	120.40
20-39P	59.40	48.59	62.68	51.30	147.81	120.94
20-39S	70.44	57.64	71.83	59.15	158.43	129.61
20-41P	54.19	44.33	57.10	46.72	142.02	116.19
20-41S	67.96	55.62	70.88	58.00	157.41	128.79
22-21P	50.64	41.45	51.12	41.83	108.20	90.17
22-21S	62.69	51.30	63.13	51.65	125.68	102.84
22-34P	62.98	51.54	62.78	51.37	118.95	99.12
22-34S	77.62	63.50	74.19	61.82	132.78	110.65
22-55P	59.88	49.00	60.32	49.36	123.14	100.74
22-55S	81.72	66.86	82.26	67.20	144.96	118.61
24-61P	74.64	61.06	69.64	58.51	178.59	146.13
24-61S	96.22	78.72	93.92	76.85	200.08	163.70

Class E Environmental Plugs with Strain Relief (cont.)

Shell Size and Contacts	Straight	90° Angle
	PT06E-SR	PT08E-SR
	EACH	EACH
	1-9	1-9
14-19S	37.79	63.59
14-19P	29.57	56.67
16-8S	37.39	72.87
16-8P	32.73	70.89
16-26S	48.37	84.29
16-26P	37.01	72.87
18-11S	43.36	72.30
18-11P	36.99	66.23
18-32S	55.80	87.51
18-32P	44.41	76.16
20-16S	52.39	203.28
20-16P	44.33	70.30
20-24S	62.78	92.28
20-24P	55.84	83.59
20-27S	57.88	87.40
20-27P	48.75	77.49
20-39S	68.20	98.40
20-39P	60.25	87.71
20-41S	66.25	91.66
20-41P	55.25	81.19
22-21S	59.13	94.76
22-21P	50.02	79.40
22-34S	74.31	109.04
22-34P	60.81	94.01
22-55S	78.89	114.77
22-55P	61.45	91.91
24-61S	91.84	131.72
24-61P	71.92	110.34