

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

Receptacles mate with plugs that are on the same line in the table. **Ordering Examples:** General Purpose — PT06A-10-6S; Thru Bulkhead — PTB-10-6PS; General Purpose with Strain Relief — PT01A-10-6S-SR.

Class A General Purpose Receptacles

| Shell Size and Contacts | Wall Mounting |       | Cable Connecting |       | Box Mounting |       | Jam Nut |       | Pressurized Jam Nut |       | Thru Bulkhead |       |
|-------------------------|---------------|-------|------------------|-------|--------------|-------|---------|-------|---------------------|-------|---------------|-------|
|                         | PT00A         |       | PT01A            |       | PT02A        |       | PT07A   |       | PT07C               |       | PTB-PS        |       |
|                         | EACH          |       | EACH             |       | EACH         |       | EACH    |       | EACH                |       | EACH          |       |
|                         | 1-9           | 10-24 | 1-9              | 10-24 | 1-9          | 10-24 | 1-9     | 10-24 | 1-9                 | 10-24 | 1-9           | 10-24 |
| 8-2P                    | 13.19         | 11.08 | 13.06            | 10.97 | 7.61         | 6.40  | 22.03   | 18.02 | 22.42               | 18.34 | —             | —     |
| 8-2S                    | 14.28         | 12.00 | 13.89            | 11.68 | 8.69         | 7.30  | 24.70   | 20.21 | 23.04               | 18.86 | 22.26         | 18.71 |
| 8-3P                    | 13.03         | 10.95 | 13.44            | 10.98 | 7.57         | 6.13  | 21.87   | 18.38 | 21.88               | 17.90 | —             | —     |
| 8-3S                    | 14.92         | 12.54 | 15.24            | 12.46 | 9.33         | 7.84  | 24.02   | 20.02 | 23.81               | 19.48 | 23.40         | 19.66 |
| 8-4P                    | 14.01         | 11.47 | 13.34            | 11.21 | 7.88         | 6.62  | 22.32   | 18.76 | 22.48               | 18.38 | —             | —     |
| 8-4S                    | 15.60         | 13.11 | 15.03            | 12.84 | 9.67         | 8.13  | 24.12   | 20.27 | 23.96               | 20.13 | 23.91         | 20.09 |
| 10-5P                   | 17.51         | 14.59 | 17.53            | 14.60 | 11.69        | 9.82  | 26.60   | 21.76 | 26.60               | 21.76 | —             | —     |
| 10-5S                   | 19.93         | 16.61 | 19.89            | 16.72 | 14.25        | 11.97 | 28.95   | 23.70 | 28.71               | 23.92 | 29.45         | 24.75 |
| 10-6P                   | 14.92         | 12.53 | 15.09            | 12.55 | 9.16         | 7.69  | 24.01   | 20.17 | 24.01               | 20.17 | —             | —     |
| 10-6S                   | 17.61         | 14.80 | 17.62            | 14.81 | 12.35        | 10.38 | 26.70   | 22.44 | 27.20               | 22.86 | 27.22         | 22.88 |
| 10-98P                  | 14.63         | 12.19 | 14.66            | 12.21 | 8.83         | 7.42  | 23.68   | 19.90 | 22.89               | 18.73 | —             | —     |
| 10-98S                  | 17.27         | 14.52 | 17.64            | 14.43 | 12.02        | 10.10 | 26.36   | 22.15 | 25.56               | 20.92 | 26.90         | 22.61 |
| 12-3P                   | 14.67         | 12.23 | 15.34            | 12.89 | 9.33         | 7.84  | 25.17   | 21.15 | 25.66               | 21.00 | —             | —     |
| 12-3S                   | 16.35         | 13.62 | 17.11            | 14.37 | 11.00        | 9.24  | 26.82   | 22.55 | 26.24               | 21.47 | 24.21         | 19.81 |
| 12-4P                   | 21.71         | 18.25 | 22.38            | 18.81 | 16.42        | 13.80 | 32.02   | 26.20 | 32.02               | 26.20 | —             | —     |
| 12-4S                   | 24.52         | 20.61 | 25.16            | 20.97 | 19.22        | 16.15 | 34.83   | 29.27 | 35.00               | 28.63 | 33.41         | 28.08 |
| 12-8P                   | 15.35         | 12.90 | 16.16            | 13.59 | 10.06        | 8.45  | 26.43   | 21.63 | 26.43               | 21.63 | —             | —     |
| 12-8S                   | 19.01         | 15.98 | 19.83            | 16.67 | 13.71        | 11.53 | 29.53   | 24.82 | 28.91               | 23.65 | 28.41         | 23.88 |
| 12-10P                  | 15.99         | 13.43 | 16.80            | 14.12 | 10.69        | 8.98  | 26.53   | 22.29 | 27.12               | 22.18 | —             | —     |
| 12-10S                  | 20.63         | 17.19 | 21.37            | 17.96 | 16.10        | 13.53 | 31.08   | 26.12 | 31.08               | 26.12 | 30.31         | 25.46 |
| 14-5P                   | 17.68         | 14.74 | 18.45            | 15.51 | 11.82        | 9.93  | 27.18   | 22.84 | 28.87               | 21.76 | —             | —     |
| 14-5S                   | 20.36         | 17.11 | 21.11            | 17.74 | 14.48        | 12.17 | 30.66   | 25.09 | 29.45               | 24.09 | 31.38         | 26.37 |
| 14-12P                  | 18.91         | 15.76 | 19.69            | 16.54 | 13.06        | 10.97 | 29.54   | 24.17 | 27.94               | 22.86 | —             | —     |
| 14-12S                  | 24.75         | 20.79 | 25.57            | 21.49 | 18.94        | 15.92 | 33.97   | 27.80 | 33.97               | 27.80 | 36.96         | 31.06 |
| 14-15P                  | 17.62         | 14.81 | 19.84            | 16.67 | 13.21        | 11.10 | 28.35   | 23.82 | 28.11               | 22.99 | —             | —     |
| 14-15S                  | 27.09         | 22.77 | 27.93            | 23.47 | 20.13        | 16.91 | 36.65   | 30.79 | 35.06               | 28.68 | 38.10         | 32.02 |
| 14-18P                  | 20.55         | 17.13 | 21.39            | 17.82 | 14.68        | 12.34 | 30.89   | 25.26 | 29.68               | 24.28 | —             | —     |
| 14-18S                  | 28.52         | 23.77 | 29.86            | 25.09 | 23.41        | 19.67 | 39.68   | 32.47 | 38.45               | 31.46 | 42.04         | 35.33 |
| 14-19P                  | 20.65         | 17.35 | 21.49            | 18.06 | 14.85        | 12.48 | 29.86   | 24.43 | 29.86               | 24.43 | —             | —     |
| 14-19S                  | 28.37         | 23.64 | 30.80            | 25.21 | 23.29        | 19.58 | 38.31   | 31.34 | 38.31               | 31.34 | 42.13         | 35.40 |
| 16-8P                   | 21.91         | 18.41 | 22.60            | 19.00 | 14.85        | 12.48 | 32.01   | 26.89 | 31.42               | 25.70 | —             | —     |
| 16-8S                   | 26.28         | 22.08 | 26.95            | 22.64 | 19.22        | 16.15 | 36.14   | 30.37 | 36.52               | 29.87 | 34.56         | 29.04 |
| 16-26P                  | 25.42         | 21.19 | 26.45            | 22.04 | 18.41        | 15.48 | 36.75   | 30.08 | 35.38               | 28.95 | —             | —     |
| 16-26S                  | 39.15         | 32.88 | 37.98            | 31.30 | 29.89        | 25.13 | 46.74   | 38.24 | 46.74               | 38.24 | 47.81         | 40.18 |
| 18-11P                  | 23.75         | 19.79 | 25.53            | 21.28 | 16.29        | 13.69 | 33.06   | 27.03 | 33.06               | 27.04 | —             | —     |
| 18-11S                  | 29.84         | 24.86 | 31.63            | 26.36 | 22.42        | 18.84 | 39.58   | 32.38 | 39.58               | 32.38 | 37.50         | 31.50 |
| 18-32P                  | 30.57         | 25.69 | 32.17            | 26.82 | 22.97        | 19.31 | 41.07   | 33.61 | 40.20               | 32.90 | —             | —     |
| 18-32S                  | 41.75         | 35.09 | 44.54            | 36.44 | 34.40        | 28.92 | 52.35   | 42.83 | 51.45               | 42.11 | 53.10         | 43.45 |
| 20-16P                  | 31.93         | 26.83 | 34.65            | 29.12 | 22.92        | 19.25 | 42.21   | 34.53 | 41.02               | 34.46 | —             | —     |
| 20-16S                  | 39.95         | 33.57 | 43.46            | 35.54 | 30.76        | 25.84 | 49.34   | 41.46 | 49.92               | 40.85 | 52.70         | 43.10 |
| 20-24P                  | 34.26         | 28.55 | 36.97            | 31.07 | 25.09        | 21.08 | 43.86   | 35.89 | 43.86               | 35.89 | —             | —     |
| 20-24S                  | 42.27         | 35.23 | 44.97            | 37.48 | 33.31        | 27.99 | 52.47   | 42.92 | 52.47               | 42.92 | 52.73         | 44.31 |
| 20-27P                  | 35.65         | 29.71 | 38.87            | 31.97 | 26.47        | 22.25 | 45.33   | 37.09 | 45.33               | 37.09 | —             | —     |
| 20-27S                  | 45.76         | 37.44 | 47.49            | 39.57 | 35.84        | 30.12 | 55.16   | 45.12 | 55.16               | 45.12 | 57.45         | 47.00 |
| 20-39P                  | 41.22         | 33.73 | 44.11            | 36.08 | 33.21        | 27.90 | 50.57   | 41.38 | 50.57               | 41.38 | —             | —     |
| 20-39S                  | 51.91         | 42.48 | 54.82            | 44.85 | 41.55        | 34.92 | 62.20   | 50.88 | 61.29               | 50.14 | 66.94         | 54.78 |
| 20-41P                  | 41.61         | 34.05 | 44.50            | 36.41 | 33.35        | 28.94 | 50.99   | 41.72 | 50.99               | 41.73 | —             | —     |
| 20-41S                  | 55.35         | 45.28 | 58.23            | 47.65 | 44.78        | 37.64 | 64.69   | 52.94 | 64.69               | 52.94 | 68.50         | 57.58 |
| 22-21P                  | 35.41         | 29.74 | 35.61            | 29.93 | 27.09        | 22.78 | 44.47   | 36.38 | 45.37               | 37.12 | —             | —     |
| 22-21S                  | 46.32         | 38.92 | 47.88            | 39.17 | 38.35        | 32.23 | 55.12   | 46.32 | 56.48               | 46.20 | 62.13         | 52.21 |
| 22-34P                  | 39.67         | 32.47 | 38.97            | 31.88 | 29.78        | 25.02 | 47.57   | 38.92 | 46.73               | 38.95 | —             | —     |
| 22-34S                  | 54.30         | 44.43 | 52.05            | 43.38 | 43.38        | 36.46 | 62.21   | 50.88 | 62.21               | 50.88 | 66.51         | 55.89 |
| 22-55P                  | 44.60         | 36.49 | 45.09            | 36.88 | 38.10        | 32.01 | 55.26   | 46.43 | 55.26               | 46.43 | —             | —     |
| 22-55S                  | 66.46         | 53.21 | 66.97            | 54.79 | 56.08        | 47.11 | 72.74   | 61.12 | 75.50               | 61.77 | 83.77         | 70.39 |
| 24-61P                  | 57.10         | 46.72 | 56.29            | 47.31 | 45.66        | 38.38 | 60.85   | 66.14 | 60.80               | 66.11 | —             | —     |
| 24-61S                  | 78.58         | 64.29 | 76.39            | 62.50 | 62.98        | 52.92 | 102.30  | 83.70 | 102.30              | 83.70 | 94.28         | 79.23 |

Class A General Purpose Plugs

| Shell Size and Contacts | Straight |       |
|-------------------------|----------|-------|
|                         | PT06A    |       |
|                         | EACH     |       |
|                         | 1-9      | 10-24 |
| 8-2S                    | 12.86    | 10.81 |
| 8-2P                    | 11.94    | 10.03 |
| 8-3S                    | 13.67    | 11.49 |
| 8-3P                    | 11.78    | 9.90  |
| 8-4S                    | 14.02    | 11.78 |
| 8-4P                    | 12.15    | 10.21 |
| 10-5S                   | 19.18    | 16.11 |
| 10-5P                   | 16.62    | 13.97 |
| 10-6S                   | 16.79    | 14.11 |
| 10-6P                   | 14.09    | 11.84 |
| 10-98S                  | 16.35    | 13.74 |
| 10-98P                  | 13.75    | 11.56 |
| 12-3S                   | 16.10    | 13.53 |
| 12-3P                   | 14.29    | 12.01 |
| 12-4S                   | 24.13    | 20.27 |
| 12-4P                   | 21.47    | 18.04 |
| 12-8S                   | 19.44    | 16.33 |
| 12-8P                   | 15.11    | 12.69 |
| 12-10S                  | 20.32    | 17.07 |
| 12-10P                  | 15.74    | 13.23 |
| 14-5S                   | 20.69    | 17.39 |
| 14-5P                   | 18.03    | 15.15 |
| 14-12S                  | 24.98    | 21.00 |
| 14-12P                  | 19.32    | 16.24 |
| 14-15S                  | 26.16    | 21.99 |
| 14-15P                  | 19.41    | 16.31 |
| 14-18S                  | 29.61    | 24.88 |
| 14-18P                  | 20.89    | 17.55 |
| 14-19S                  | 29.49    | 24.79 |
| 14-19P                  | 21.06    | 17.69 |
| 16-8S                   | 27.04    | 22.72 |
| 16-8P                   | 22.66    | 19.04 |
| 16-26S                  | 37.73    | 31.71 |
| 16-26P                  | 26.35    | 22.14 |
| 18-11S                  | 31.00    | 26.06 |
| 18-11P                  | 24.86    | 20.89 |
| 18-32S                  | 42.96    | 36.10 |
| 18-32P                  | 31.53    | 26.50 |
| 20-16S                  | 41.06    | 34.51 |
| 20-16P                  | 32.77    | 27.54 |
| 20-24S                  | 43.10    | 36.22 |
| 20-24P                  | 36.40    | 30.59 |
| 20-27S                  | 45.64    | 38.35 |
| 20-27P                  | 36.49    | 30.66 |
| 20-39S                  | 51.66    | 43.42 |
| 20-39P                  | 41.36    | 34.75 |
| 20-41S                  | 54.48    | 45.78 |
| 20-41P                  | 41.99    | 35.29 |
| 22-21S                  | 47.48    | 39.90 |
| 22-21P                  | 36.53    | 30.69 |
| 22-34S                  | 52.74    | 44.31 |
| 22-34P                  | 39.14    | 32.89 |
| 22-55S                  | 65.50    | 55.04 |
| 22-55P                  | 44.82    | 37.66 |
| 24-61S                  | 75.90    | 63.78 |
| 24-61P                  | 56.02    | 47.08 |



Class A General Purpose Receptacles with Strain Relief

| Shell Size and Contacts | Wall Mounting |       | Cable Connecting |       | Jam Nut  |       |
|-------------------------|---------------|-------|------------------|-------|----------|-------|
|                         | PT00A-SR      |       | PT01A-SR         |       | PT07A-SR |       |
|                         | EACH          |       | EACH             |       | EACH     |       |
|                         | 1-9           | 10-24 | 1-9              | 10-24 | 1-9      | 10-24 |
| 8-2P                    | 21.29         | 17.73 | 21.15            | 17.61 | 71.02    | 58.09 |
| 8-2S                    | 22.52         | 18.43 | 21.85            | 18.36 | 72.45    | 60.37 |
| 8-3P                    | 20.91         | 17.57 | 20.96            | 17.62 | 70.85    | 57.97 |
| 8-3S                    | 22.99         | 19.33 | 22.71            | 19.08 | 72.62    | 59.42 |
| 8-4P                    | 21.54         | 18.10 | 21.41            | 17.99 | 71.28    | 58.33 |
| 8-4S                    | 23.03         | 19.19 | 23.19            | 19.49 | 72.92    | 59.66 |
| 10-5P                   | 25.73         | 21.61 | 25.90            | 21.58 | 91.23    | 76.02 |
| 10-5S                   | 29.24         | 24.20 | 28.46            | 23.72 | 93.56    | 77.97 |
| 10-6P                   | 23.35         | 19.62 | 23.37            | 19.64 | 93.13    | 76.22 |
| 10-6S                   | 26.42         | 19.22 | 26.06            | 21.90 | 95.92    | 78.48 |
| 10-98P                  | 22.87         | 19.22 | 22.84            | 19.03 | 92.81    | 75.94 |
| 10-98S                  | 25.54         | 21.46 | 25.35            | 21.13 | 95.44    | 78.08 |
| 12-3P                   | 20.22         | 16.84 | 20.89            | 17.55 | 90.89    | 74.37 |
| 12-3S                   | 21.89         | 18.24 | 22.68            | 19.06 | 92.67    | 75.83 |
| 12-4P                   | 27.12         | 22.59 | 28.11            | 23.62 | 98.24    | 80.37 |
| 12-4S                   | 29.70         | 24.30 | 30.90            | 25.98 | 96.41    | 80.34 |
| 12-8P                   | 21.34         | 17.46 | 21.76            | 18.28 | 91.62    | 74.95 |
| 12-8S                   | 24.49         | 20.05 | 25.19            | 21.00 | 90.75    | 75.63 |
| 12-10P                  | 21.56         | 18.12 | 22.37            | 18.80 | 92.22    | 75.46 |
| 12-10S                  | 26.14         | 21.97 | 27.78            | 23.35 | 98.18    | 80.33 |
| 14-5P                   | 23.16         | 19.30 | 23.97            | 20.14 | 40.1     | 33.76 |
| 14-5S                   | 25.79         | 21.68 | 26.55            | 22.39 | 43.02    | 35.80 |
| 14-12P                  | 24.15         | 20.12 | 25.07            | 21.12 | 42.11    | 34.45 |
| 14-12S                  | 31.17         | 26.19 | 30.83            | 25.91 | 48.18    | 39.42 |
| 14-15P                  | 24.52         | 20.60 | 25.20            | 21.17 | 42.30    | 34.61 |
| 14-15S                  | 31.24         | 26.25 | 33.44            | 28.10 | 49.27    | 40.31 |
| 14-18P                  | 25.76         | 21.47 | 26.81            | 22.54 | 43.41    | 36.48 |
| 14-18S                  | 33.93         | 28.29 | 35.32            | 29.69 | 52.69    | 43.11 |