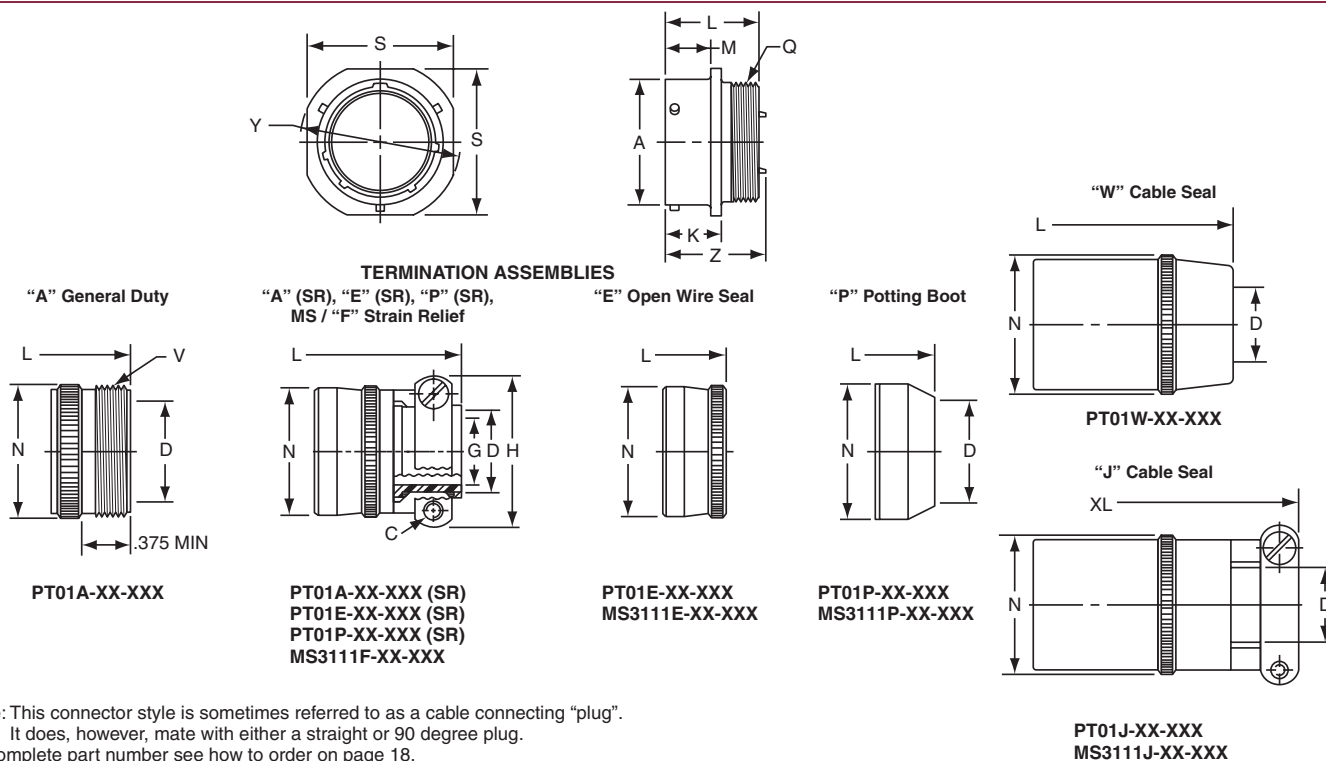


# cable connecting receptacle



Note: This connector style is sometimes referred to as a cable connecting “plug”.  
It does, however, mate with either a straight or 90 degree plug.  
To complete part number see how to order on page 18.

| Shell Size | Recept. Front View |            | Receptacle Side View |                     |           |                     |                         |           | Class "A", |           |           |                        |
|------------|--------------------|------------|----------------------|---------------------|-----------|---------------------|-------------------------|-----------|------------|-----------|-----------|------------------------|
|            | S<br>±.020         | Y<br>±.020 | A<br>+.001<br>−.005  | K<br>+.020<br>−.010 | L<br>Max. | M<br>+.016<br>−.000 | Q<br>Thread<br>Class 2A | Z<br>Max. | D<br>Min.  | L<br>Max. | N<br>Max. | V<br>Thread<br>Class A |
| 6          | .688               | .812       | .348                 | .494                | .906      | .400                | .3125-32 NEF            | .948      | .175       | 1.553     | .462      | .3750-32 NEF           |
| 8          | .812               | .938       | .473                 | .494                | .906      | .400                | .4375-28 UNEF           | .948      | .297       | 1.553     | .590      | .5000-28 UNEF          |
| 10         | .938               | 1.062      | .590                 | .494                | .906      | .400                | .5625-24 NEF            | .948      | .421       | 1.553     | .717      | .6250-24 NEF           |
| 12         | 1.031              | 1.156      | .750                 | .494                | .906      | .400                | .6875-24 NEF            | .948      | .546       | 1.553     | .834      | .7500-20 UNEF          |
| 14         | 1.125              | 1.250      | .875                 | .494                | .906      | .400                | .8125-20 UNEF           | .948      | .663       | 1.553     | .970      | .8750-20 UNEF          |
| 16         | 1.219              | 1.344      | 1.000                | .494                | .906      | .400                | .9375-20 UNEF           | .948      | .787       | 1.553     | 1.088     | 1.0000-20 UNEF         |
| 18         | 1.312              | 1.438      | 1.125                | .494                | .906      | .400                | 1.0625-18 NEF           | .948      | .879       | 1.553     | 1.216     | 1.1875-18 NEF          |
| 20         | 1.438              | 1.562      | 1.250                | .650                | 1.125     | .535                | 1.1875-18 NEF           | 1.166     | 1.041      | 1.703     | 1.332     | 1.1875-18 NEF          |
| 22         | 1.562              | 1.688      | 1.375                | .650                | 1.125     | .535                | 1.3125-18 NEF           | 1.166     | 1.135      | 1.703     | 1.460     | 1.4375-18 NEF          |
| 24         | 1.688              | 1.812      | 1.500                | .683                | 1.188     | .568                | 1.4375-18 NEF           | 1.166     | 1.259      | 1.765     | 1.585     | 1.4375-18 NEF          |

| Shell Size | Class “A” (SR), “E” (SR), “P” (SR), MS / “F” |        |        |        |        |        | Class “E”, MS / “E” |        | Class “P”, MS / “P” |        |        | Class “W”, “J” |      |        |        |         |
|------------|----------------------------------------------|--------|--------|--------|--------|--------|---------------------|--------|---------------------|--------|--------|----------------|------|--------|--------|---------|
|            | C Thread                                     | D Min. | G Max. | H Max. | L Max. | N Max. | L Max.              | N Max. | D Min.              | L Max. | N Max. | D              |      | L Max. | N Max. | XL Max. |
|            |                                              |        |        |        |        |        |                     |        |                     |        |        | Closed         | Free |        |        |         |
| 6          | —                                            | —      | —      | —      | —      | —      | .1266               | .440   | .192                | 1.438  | .484   | —              | —    | —      | —      | —       |
| 8          | 6-32                                         | .240   | .125   | .812   | 1.922  | .550   | 1.266               | .560   | .317                | 1.438  | .608   | .168           | .230 | 1.705  | .547   | 2.271   |
| 10         | 6-32                                         | .302   | .188   | .875   | 1.922  | .675   | 1.266               | .685   | .434                | 1.438  | .734   | .205           | .312 | 1.705  | .675   | 2.271   |
| 12         | 6-32                                         | .428   | .312   | 1.000  | 1.922  | .803   | 1.266               | .813   | .548                | 1.438  | .858   | .338           | .442 | 1.848  | .812   | 2.411   |
| 14         | 6-32                                         | .552   | .375   | 1.125  | 1.922  | .920   | 1.266               | .930   | .673                | 1.438  | .984   | .416           | .539 | 2.040  | .940   | 2.599   |
| 16         | 6-32                                         | .615   | .500   | 1.188  | 2.047  | 1.047  | 1.266               | 1.057  | .798                | 1.438  | 1.110  | .550           | .616 | 2.256  | 1.067  | 2.943   |
| 18         | 8-32                                         | .740   | .625   | 1.438  | 2.078  | 1.165  | 1.266               | 1.175  | .899                | 1.438  | 1.234  | .600           | .672 | 2.486  | 1.194  | 3.172   |
| 20         | 8-32                                         | .740   | .625   | 1.438  | 2.344  | 1.290  | 1.516               | 1.301  | 1.024               | 1.656  | 1.360  | .635           | .747 | 2.922  | 1.322  | 3.610   |
| 22         | 8-32                                         | .928   | .750   | 1.625  | 2.344  | 1.418  | 1.516               | 1.430  | 1.149               | 1.656  | 1.484  | .670           | .846 | 3.086  | 1.449  | 3.766   |
| 24         | 8-32                                         | .990   | .800   | 1.719  | 2.406  | 1.543  | 1.578               | 1.555  | 1.274               | 1.717  | 1.610  | .740           | .894 | 3.310  | 1.576  | 3.985   |

All dimensions for reference only.