

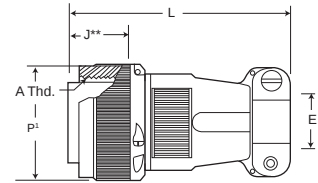
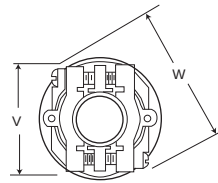
## Straight Plug

MS3106E/MS3106F  
Integral Cable Clamp

CA3106E/CA06R

MS3106F straight plugs mate with 3100 and 3102 receptacles and 3101 plugs.

The MS3106E is available upon request. For new equipment, customer should specify. MS3106F. MS3106E is identical to MS3106F except to O ring under the coupling nut.

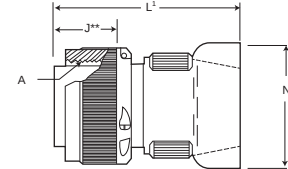
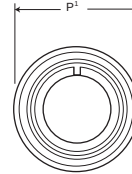


MS3106R



CA3106R

The MS3106R straight plug is identical in purpose to the MS3106F. The MS3106R has the shorter endbell. This plug will mate with 3100 and 3102 receptacles and 3101 plugs.



| Shell Size | E Max.        | E Min.       | J** Max.     | L Max.         | L' Max.        | N Max.        | P1 Max.        | V Max.        | W Max.        |
|------------|---------------|--------------|--------------|----------------|----------------|---------------|----------------|---------------|---------------|
| 8S         | .235 (5.97)   | .102 (2.59)  | .536 (13.61) | 2.250 (57.15)  | 1.838 (46.69)  | .890 (22.61)  | .844 (21.44)   | .840 (21.34)  | 1.046 (26.57) |
| 10S        | .235 (5.97)   | .102 (2.59)  | .536 (13.61) | 2.250 (57.15)  | 1.838 (46.69)  | .890 (22.61)  | .969 (24.61)   | .840 (21.34)  | 1.046 (26.57) |
| 10SL       | .297 (7.54)   | .140 (3.56)  | .536 (13.61) | 2.250 (57.15)  | 1.838 (46.69)  | .970 (24.64)  | .969 (24.61)   | .900 (22.86)  | 1.125 (28.58) |
| 12S        | .297 (7.54)   | .140 (3.56)  | .536 (13.61) | 2.250 (57.15)  | 1.838 (46.69)  | .970 (24.64)  | 1.062 (26.97)  | .900 (22.86)  | 1.125 (28.58) |
| 14S        | .422 (10.72)  | .195 (4.95)  | .536 (13.61) | 2.250 (57.15)  | 1.838 (46.69)  | 1.150 (29.21) | 1.156 (29.36)  | 1.00 (27.94)  | 1.343 (34.11) |
| 16S        | .547 (13.89)  | .255 (6.48)  | .536 (13.61) | 2.250 (57.15)  | 1.838 (46.69)  | 1.250 (31.75) | 1.250 (31.75)  | 1.200 (30.48) | 1.484 (37.69) |
| 12         | .297 (7.54)   | .140 (3.56)  | .724 (18.39) | 2.625 (66.68)  | 2.181 (55.40)  | .970 (24.64)  | 1.062 (26.97)  | .900 (22.86)  | 1.125 (28.58) |
| 14         | .422 (10.72)  | .195 (4.95)  | .724 (18.39) | 2.625 (66.68)  | 2.181 (55.40)  | 1.150 (29.21) | 1.156 (29.36)  | 1.100 (27.94) | 1.343 (34.11) |
| 16         | .547 (13.89)  | .255 (6.48)  | .724 (18.39) | 2.625 (66.68)  | 2.181 (55.40)  | 1.250 (31.75) | 1.250 (31.75)  | 1.200 (30.48) | 1.484 (37.69) |
| 18         | .610 (15.49)  | .285 (7.24)  | .724 (18.39) | 2.688 (68.28)  | 2.281 (55.40)  | 1.450 (36.83) | 1.344 (34.14)  | 1.300 (33.02) | 1.609 (40.87) |
| 20         | .735 (18.67)  | .350 (8.89)  | .724 (18.39) | 2.750 (69.85)  | 2.281 (55.40)  | 1.570 (39.88) | 1.469 (37.31)  | 1.500 (38.10) | 1.890 (48.01) |
| 22         | .740 (18.80)  | .350 (8.89)  | .724 (18.39) | 2.750 (69.85)  | 2.281 (55.40)  | 1.570 (39.88) | 1.594 (40.49)  | 1.500 (38.10) | 1.890 (48.01) |
| 24         | .922 (23.42)  | .468 (11.89) | .724 (18.39) | 2.969 (75.41)  | 2.281 (55.40)  | 1.880 (47.75) | 1.719 (43.66)  | 1.740 (44.20) | 2.170 (55.12) |
| 28         | .922 (23.42)  | .468 (11.89) | .724 (18.39) | 3.031 (76.99)  | 2.281 (55.40)  | 1.880 (47.75) | 1.969 (50.01)  | 1.740 (44.20) | 2.170 (55.12) |
| 32         | 1.235 (31.37) | .664 (15.87) | .724 (18.39) | 3.031 (76.99)  | 2.322 (58.98)  | 2.205 (56.01) | 2.219 (56.36)  | 2.075 (52.71) | 2.656 (67.46) |
| 36         | 1.360 (34.54) | .694 (17.63) | .724 (18.39) | 3.281 (83.34)  | 2.322 (58.98)  | 2.400 (60.96) | 2.469 (62.71)  | 2.300 (58.42) | 2.922 (74.22) |
| * 40       | 1.628 (41.35) | .911 (23.14) | .724 (18.39) | 3.560 (89.66)† | 2.427 (61.65)† | 2.840 (72.14) | 2.723 (69.16)† | 2.688 (68.28) | -             |

†Not to MS specification

\*\* Barrel engaging face to shoulder.

| Shell Size | A Thread      |
|------------|---------------|
| 8S         | 1/2-28UNEF-2B |
| 10S        | 5/8-24UNEF-2B |
| 10SL       | 5/8-24UNEF-2B |
| 12S        | 3/4-20UNEF-2B |
| 14S        | 7/8-20UNEF-2B |
| 16S        | 1-20UNEF-2B   |
| 12         | 3/4-20UNEF-2B |
| 14         | 7/8-20UNEF-2B |

| Shell Size | A Thread        |
|------------|-----------------|
| 16         | 1-20UNEF-2B     |
| 18         | 1-1/8-18UNEF-2B |
| 20         | 1-1/4-18UNEF-2B |
| 22         | 1-3/8-18UNEF-2B |
| 24         | 1-1/2-18UNEF-2B |
| 28         | 1-3/4-18UNS-2B  |
| 32         | 2-18UNS-2B      |
| 36         | 2-1/4-16UN-2B   |
| 40         | 2-1/2-16UN-2B   |

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