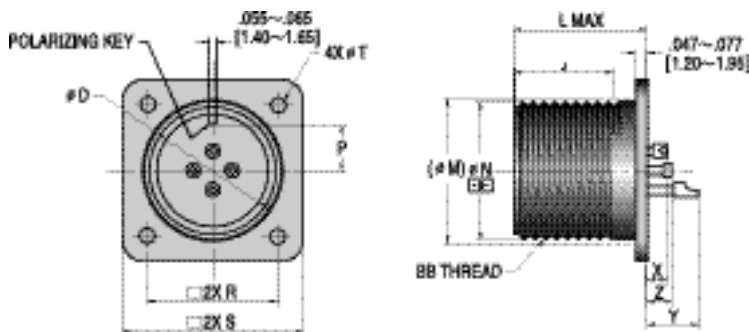


# MIL-C-5015 SERIES

## Hermetic Connectors



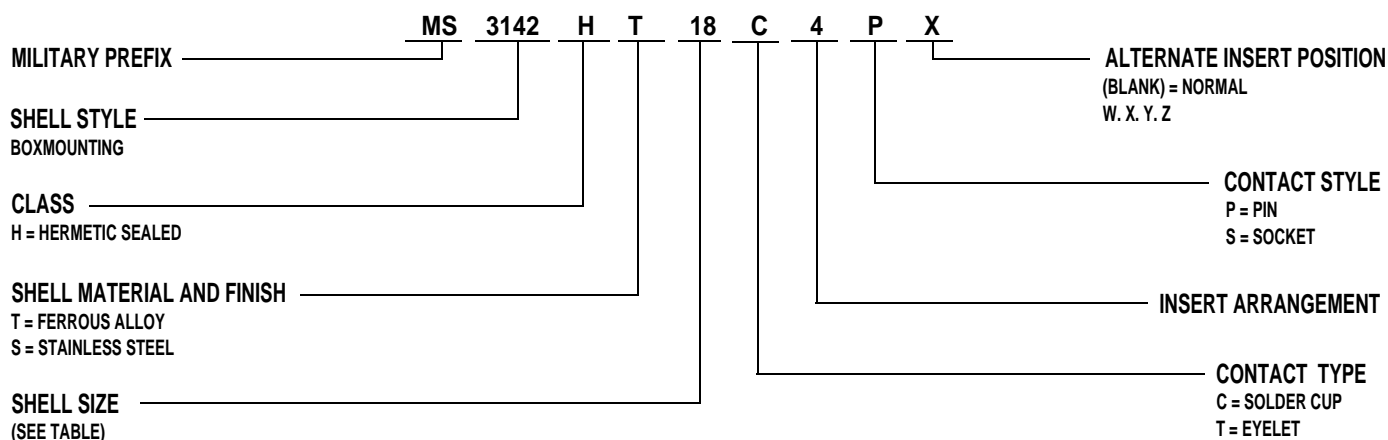
### MS 3142H - Hermetic Box Mounting Receptacle



| Contact Size | EYELET |        | SOLDER CUP |         | SHORT SOLDER CUP |         |
|--------------|--------|--------|------------|---------|------------------|---------|
|              | X MAX  | Y MAX  | Z MAX      | X MAX   | Y MAX            | Z MAX   |
| 16           | .219   | (5.56) | .375       | (9.52)  | .250             | (6.35)  |
| 12           | .281   | (7.13) | .516       | (13.10) | .328             | (8.33)  |
| 8            | -      | -      | .719       | (18.26) | .469             | (11.91) |
| 4            | -      | -      | .980       | (24.89) | -                | -       |
| 0            | -      | -      | .980       | (24.89) | -                | -       |

Inch(mm)

### EXPLANATION OF MS PART NUMBER



Inch(mm)

| Shell Size | BB Thread Class 2A | ØD             | L MAX                 |                    | MIN THREAD | ØN      |                   | P                  | □R    | □S      | ØT             |                    |              |                  |                |                    |  |  |
|------------|--------------------|----------------|-----------------------|--------------------|------------|---------|-------------------|--------------------|-------|---------|----------------|--------------------|--------------|------------------|----------------|--------------------|--|--|
|            |                    |                | SIZE 20, 16 12&8 CONT | SIZE 4, 0 CONTACT  |            | ØN      | MOUNTING HOLE DIM |                    |       |         |                |                    |              |                  |                |                    |  |  |
| 8S         | 1/2-28 UNEF        | .385<br>.370   | .730                  | (18.54)            | .375       | (9.52)  | .532<br>.470      | (13.51)<br>(11.94) | .562  | (14.27) | .140<br>.130   | (3.55)<br>(3.30)   | .594         | (15.08)          | .906<br>.844   | (23.01)<br>(21.43) |  |  |
| 10S        | 5/8-24 UNEF        | .463           |                       |                    |            |         | .656              | (16.66)            | .562  | (17.47) | .175           | (4.44)             | .719         | (18.26)          | 1.031          | (26.18)            |  |  |
| 10SL       | 5/8-20 UNEF        | .448           |                       |                    |            |         | .594              | (15.09)            | .165  | (4.19)  | .969           | (24.61)            | .969         | (24.61)          |                |                    |  |  |
| 12S        | 3/4-20 UNEF        | .573<br>.558   |                       |                    |            |         | .782<br>.720      | (19.86)<br>(18.28) | .812  | (20.62) | .234<br>.224   | (5.94)<br>(5.68)   | .812         | (20.62)          | 1.125<br>1.063 | (28.57)<br>(27.00) |  |  |
| 14S        | 7/8-20 UNEF        | .693<br>.678   | .906<br>.844          | (23.01)<br>(21.44) | .938       | (23.82) | .273<br>.263      | (6.93)<br>(6.68)   | .906  | (23.01) | 1.219<br>1.157 | (30.96)<br>(29.39) |              |                  |                |                    |  |  |
| 16S        | 1-20 UNEF          | .823<br>.808   | 1.040                 | (26.41)            |            |         | 1.032<br>.970     | (26.21)<br>(24.64) | 1.062 | (26.97) | .335<br>.325   | (8.51)<br>(8.25)   | .969         | (24.61)          | 1.312<br>1.250 | (33.32)<br>(31.75) |  |  |
| 12         | 3/4-20 UNEF        | .573<br>.558   |                       |                    |            |         | .782<br>.720      | (19.86)<br>(18.28) | .812  | (20.62) | .234<br>.224   | (5.94)<br>(5.68)   | .812         | (20.62)          | 1.219<br>1.157 | (30.96)<br>(29.39) |  |  |
| 14         | 7/8-20 UNEF        | .693<br>.678   |                       |                    |            |         | .906<br>.844      | (23.01)<br>(21.44) | .938  | (23.82) | .273<br>.263   | (6.92)<br>(6.68)   | .906         | (23.01)          | 1.312<br>1.250 | (33.32)<br>(31.75) |  |  |
| 16         | 1-20 UNEF          | .823<br>.808   |                       |                    |            |         | 1.032<br>.970     | (26.21)<br>(24.64) | 1.062 | (26.97) | .335<br>.325   | (8.51)<br>(8.25)   | .969         | (24.61)          | 1.312<br>1.250 | (33.32)<br>(31.75) |  |  |
| 18         | 1 1/8-18UNEF       | .948<br>.933   | .915                  | (23.24)            | .625       | (15.87) | 1.156<br>1.094    | (29.36)<br>(27.78) | 1.188 | (30.17) | .395<br>.385   | (10.03)<br>(9.78)  | .1062        | (26.97)          | 1.406<br>1.344 | (35.71)<br>(34.14) |  |  |
| 20         | 1 1/4-18UNS        | 1.068<br>1.053 |                       |                    |            |         | 1.282<br>1.220    | (32.56)<br>(30.98) | 1.312 | (33.32) | .473<br>.463   | (12.01)<br>(11.76) | 1.156        | (29.36)          | 1.531<br>1.469 | (38.89)<br>(37.31) |  |  |
| 22         | 1 3/8-18UNS        | 1.193<br>1.178 |                       |                    |            |         | 1.406<br>1.344    | (35.56)<br>(34.14) | 1.438 | (36.52) | .520<br>.510   | (13.20)<br>(12.95) | 1.250        | (31.75)          | 1.656<br>1.594 | (42.06)<br>(40.49) |  |  |
| 24         | 1 1/2-18UNS        | 1.318<br>1.303 |                       |                    |            |         | 1.532<br>1.470    | (38.91)<br>(37.33) | 1.562 | (39.67) | .583<br>.537   | (14.80)<br>(14.55) | 1.375        | (34.92)          | 1.781<br>1.719 | (45.24)<br>(43.66) |  |  |
| 28         | 1 1/8-18UNS        | 1.538<br>1.523 | 1.040                 | (26.42)            |            |         | 1.782<br>1.720    | (45.26)<br>(43.68) | 1.812 | (46.02) | .693<br>.683   | (17.60)<br>(17.34) | 1.562        | (39.67)          | 2.031<br>1.969 | (51.59)<br>(50.01) |  |  |
| 32         | 2-18 UNS           | 1.788<br>1.773 |                       |                    |            |         | 2.032<br>1.970    | (51.61)<br>(50.03) | 2.062 | (52.37) | .818<br>.808   | (20.77)<br>(20.52) | 1.750        | (44.45)          | 2.281<br>2.219 | (57.94)<br>(56.36) |  |  |
| 36         | 2 1/4-16UN         | 2.000<br>1.985 |                       |                    |            |         | 2.282<br>2.220    | (57.96)<br>(56.38) | 2.312 | (58.72) | .925<br>.915   | (23.49)<br>(23.24) | 1.938        | (49.22)          | 2.531<br>2.469 | (64.29)<br>(62.71) |  |  |
| 40         | 2 1/2-16UN         | 2.252<br>2.237 |                       |                    |            |         | 2.532<br>2.470    | (64.31)<br>(62.73) | 2.562 | (65.07) | 1.033<br>1.023 | (26.23)<br>(25.98) | 2.188        | (55.57)          | 2.781<br>2.719 | (70.64)<br>(69.06) |  |  |
| 44         | 2 3/4-16UN         | 2.507<br>2.492 | 2.782<br>2.720        | (70.66)<br>(69.08) | 2.812      | (71.42) | 1.160<br>1.150    | (29.46)<br>(29.21) | 2.375 | (60.32) | 3.037<br>2.969 | (76.99)<br>(75.41) |              |                  |                |                    |  |  |
| 48         | 3-16 UN            | 2.757<br>2.742 | 3.032<br>2.970        | (77.01)<br>(75.43) | 3.062      | (77.77) | 1.285<br>1.275    | (32.63)<br>(32.38) | 2.625 | (66.57) | 3.281<br>3.219 | (83.34)<br>(81.76) | .178<br>.168 | (4.52)<br>(4.26) |                |                    |  |  |

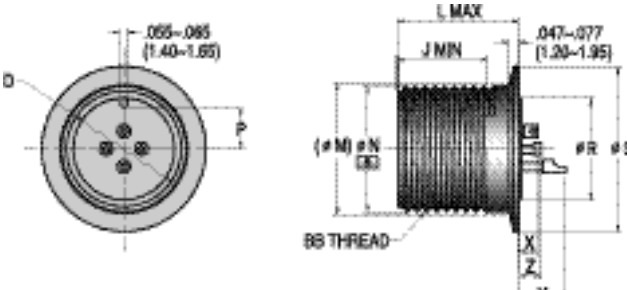
MIL-C-5015 Series

# MIL-C-5015 SERIES

## Hermetic Connectors

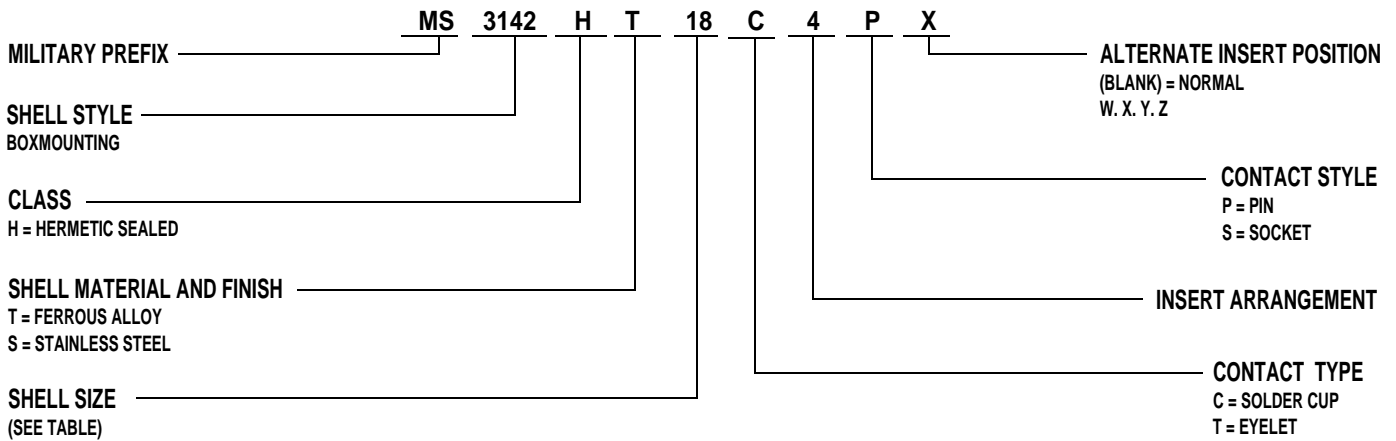


### MS3143 - Solder Mount



| Contact Size | EYELET      |              | SOLDER CUP   |  | SHORT SOLDER CUP |  |
|--------------|-------------|--------------|--------------|--|------------------|--|
|              | X MAX       | Y MAX        | Z MAX        |  |                  |  |
| 16           | .219 (5.56) | .375 (9.52)  | .250 (6.35)  |  |                  |  |
| 12           | .281 (7.13) | .516 (13.10) | .328 (8.33)  |  |                  |  |
| 8            | -           | .719 (18.26) | .469 (11.91) |  |                  |  |
| 4            | -           | .980 (24.89) | -            |  |                  |  |
| 0            | -           | .980 (24.89) | -            |  |                  |  |

### EXPLANATION OF MS PART NUMBER



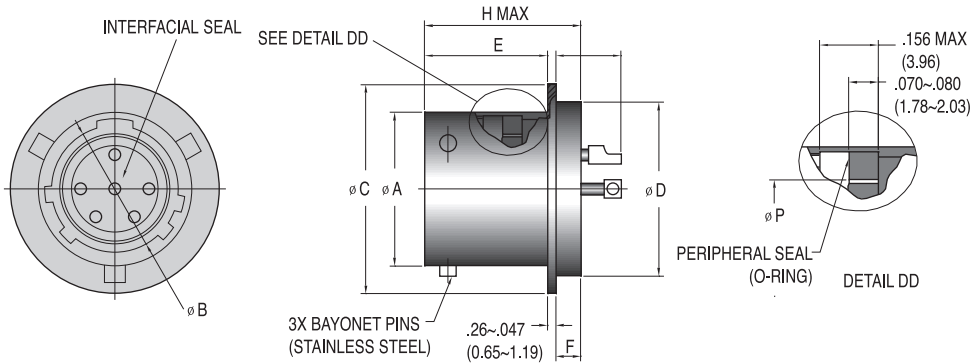
| Shell Size | BB Thread Class 2A | ØD                             | L MAX                 |                               | J WIN THREAD               | (ØM) MOUNTING HOLE DIM       |                                | ØN                             | P                              | ØR                             | ØS                             | ØSS                            |
|------------|--------------------|--------------------------------|-----------------------|-------------------------------|----------------------------|------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
|            |                    |                                | SIZE 20, 16 12&8 CONT | SIZE 4&0 CONT                 |                            |                              |                                |                                |                                |                                |                                |                                |
| 8S         | 1/2-28 UNEF        | .385 (9.78)<br>.370 (9.40)     | .730 (18.54)          | ---                           | .375 (9.52)                | .562 (14.27)                 | .532 (13.51)<br>.470 (11.94)   | .140 (3.55)<br>.130 (3.30)     | .438 (11.12)<br>.418 (10.61)   | .760 (19.30)<br>.740 (18.79)   | .438 (11.12)<br>.418 (10.61)   | .418 (10.61)                   |
| 10S        | 5/8-24 UNEF        | .463 (11.76)                   |                       |                               |                            |                              | .688 (17.47)                   | .656 (16.66)                   | .175 (4.44)                    | .500 (12.70)                   | .885 (22.47)                   | .500 (12.70)                   |
| 10SL       | 5/8-24 UNEF        | .448 (11.38)                   |                       |                               |                            |                              | .594 (15.09)                   | .165 (4.19)                    | .480 (12.19)                   | .865 (21.97)                   | .480 (12.19)                   |                                |
| 12S        | 3/4-20 UNEF        | .573 (14.55)<br>.558 (14.17)   |                       |                               |                            |                              | .812 (20.62)                   | .782 (19.86)<br>.720 (18.28)   | .234 (5.94)<br>.224 (5.68)     | .656 (16.66)<br>.636 (16.15)   | 1.010 (25.65)<br>.990 (25.14)  | .656 (16.66)<br>.636 (16.15)   |
| 14S        | 7/8-20 UNEF        | .693 (17.60)<br>.678 (17.22)   | .915 (23.24)          | ---                           | .625 (15.87)               | .938 (23.82)                 | .906 (23.01)<br>.844 (21.44)   | .273 (6.93)<br>.263 (6.68)     | .719 (18.26)<br>.699 (17.75)   | 1.135 (28.82)<br>1.115 (28.32) | .719 (18.26)<br>.699 (17.75)   | .719 (18.26)<br>.699 (17.75)   |
| 16S        | 1-20 UNEF          | .823 (20.90)<br>.808 (20.52)   |                       |                               |                            | 1.062 (26.97)                | 1.032 (26.21)<br>.970 (24.64)  | .335 (8.51)<br>.325 (8.25)     | .844 (21.43)<br>.842 (20.92)   | 1.260 (32.00)<br>1.240 (31.49) | .844 (21.43)<br>.842 (20.92)   |                                |
| 12         | 3/4-20 UNEF        | .573 (14.55)<br>.558 (14.17)   |                       |                               |                            | .812 (20.62)                 | .782 (19.86)<br>.720 (18.28)   | .234 (5.94)<br>.224 (5.68)     | .656 (16.66)<br>.636 (16.15)   | 1.010 (25.65)<br>.990 (25.14)  | .656 (16.66)<br>.636 (16.15)   |                                |
| 14         | 7/8-20 UNEF        | .693 (17.60)<br>.678 (17.22)   |                       |                               |                            | .938 (23.82)                 | .906 (23.01)<br>.844 (21.44)   | .273 (6.93)<br>.263 (6.68)     | .719 (18.26)<br>.699 (17.75)   | 1.135 (28.82)<br>1.115 (28.32) | .719 (18.26)<br>.699 (17.75)   |                                |
| 16         | 1-20 UNEF          | .823 (20.90)<br>.808 (20.52)   | 1.062 (26.97)         | 1.032 (26.21)<br>.970 (24.64) | .335 (8.51)<br>.325 (8.25) | .844 (21.43)<br>.824 (20.92) | 1.260 (32.00)<br>1.240 (31.49) | .844 (21.43)<br>.824 (20.92)   |                                |                                |                                |                                |
| 18         | 1 1/8-18UNEF       | .948 (24.08)<br>.933 (23.69)   | .915 (23.24)          | 1.040 (26.41)                 | .625 (15.87)               | 1.188 (30.17)                | 1.156 (29.36)<br>1.094 (27.28) | .395 (10.03)<br>.385 (9.78)    | .969 (24.61)<br>.949 (24.10)   | 1.385 (35.17)<br>1.365 (34.67) | .969 (24.61)<br>.949 (24.10)   | .969 (24.61)<br>.949 (24.10)   |
| 20         | 1 1/4-18UNEF       | 1.068 (27.13)<br>1.053 (26.74) |                       |                               |                            | 1.312 (33.32)                | 1.282 (32.56)<br>1.220 (30.98) | .473 (12.01)<br>.463 (11.76)   | 1.156 (29.36)<br>1.136 (28.85) | 1.510 (38.35)<br>1.490 (37.84) | 1.156 (29.36)<br>1.136 (28.85) |                                |
| 22         | 1 3/8-18UNEF       | 1.193 (30.30)<br>1.173 (29.79) |                       |                               |                            | 1.438 (36.52)                | 1.406 (35.71)<br>1.344 (34.14) | .520 (13.20)<br>.510 (12.95)   | 1.250 (31.75)<br>1.230 (31.24) | 1.635 (41.52)<br>1.615 (41.02) | 1.250 (31.75)<br>1.230 (31.24) |                                |
| 24         | 1 1/2-18UNEF       | 1.318 (33.47)<br>1.303 (33.09) |                       |                               |                            | 1.562 (39.67)                | 1.532 (38.91)<br>1.470 (37.33) | .583 (14.80)<br>.573 (14.55)   | 1.375 (35.92)<br>1.355 (34.41) | 1.760 (44.70)<br>1.740 (44.19) | 1.375 (35.92)<br>1.355 (34.41) |                                |
| 28         | 1 3/4-18UNS        | 1.538 (39.06)<br>1.523 (38.68) | .915 (23.24)          | 1.040 (26.41)                 | .625 (15.87)               | 1.812 (46.02)                | 1.782 (45.26)<br>1.720 (43.68) | .693 (17.60)<br>.683 (17.34)   | 1.625 (41.27)<br>1.605 (40.76) | 2.010 (51.05)<br>1.990 (50.55) | 1.625 (41.27)<br>1.605 (40.76) | 1.625 (41.27)<br>1.605 (40.76) |
| 32         | 2-18 UNS           | 1.788 (45.41)<br>1.773 (45.03) |                       |                               |                            | 2.062 (52.37)                | 2.032 (51.61)<br>1.970 (50.03) | .818 (20.77)<br>.808 (20.52)   | 1.875 (47.62)<br>1.855 (47.11) | 2.260 (57.40)<br>2.240 (56.89) | 1.875 (47.62)<br>1.855 (47.11) |                                |
| 36         | 2 1/4-16UN         | 2.000 (50.80)<br>1.985 (50.42) |                       |                               |                            | 2.500 (63.50)                | 2.282 (57.96)<br>2.220 (56.38) | .925 (23.49)<br>.915 (23.24)   | 2.125 (53.97)<br>2.105 (53.46) | 2.510 (63.75)<br>2.490 (63.24) | 2.125 (53.97)<br>2.105 (53.46) |                                |
| 40         | 2 1/2-16UN         | 2.252 (57.22)<br>2.237 (56.82) |                       |                               |                            | 2.750 (69.85)                | 2.532 (64.31)<br>2.470 (62.73) | 1.033 (26.23)<br>1.023 (25.98) | 2.375 (60.32)<br>2.355 (59.81) | 2.760 (70.10)<br>2.740 (69.59) | 2.375 (60.32)<br>2.355 (59.81) |                                |
| 44         | 2 3/4-16UN         | 2.507 (63.67)<br>2.492 (63.29) | .915 (23.24)          | 1.040 (26.41)                 | .625 (15.87)               | 3.000 (76.20)                | 2.782 (70.66)<br>2.720 (69.08) | 1.160 (29.46)<br>1.150 (29.21) | 2.625 (66.67)<br>2.605 (66.16) | 3.010 (76.45)<br>2.990 (75.95) | 2.625 (66.67)<br>2.605 (66.16) | 2.625 (66.67)<br>2.605 (66.16) |
| 48         | 3-16UN             | 2.757 (70.03)<br>2.42 (61.17)  |                       |                               |                            | 3.250 (82.55)                | 3.032 (76.43)<br>2.970 (75.43) | 1.285 (32.63)<br>1.275 (32.38) | 2.876 (73.05)<br>2.855 (72.51) | 3.260 (82.80)<br>3.240 (82.29) | 2.876 (73.05)<br>2.855 (72.51) |                                |

MIL-C-5015 Series

# MIL-C-26482 SERIES I

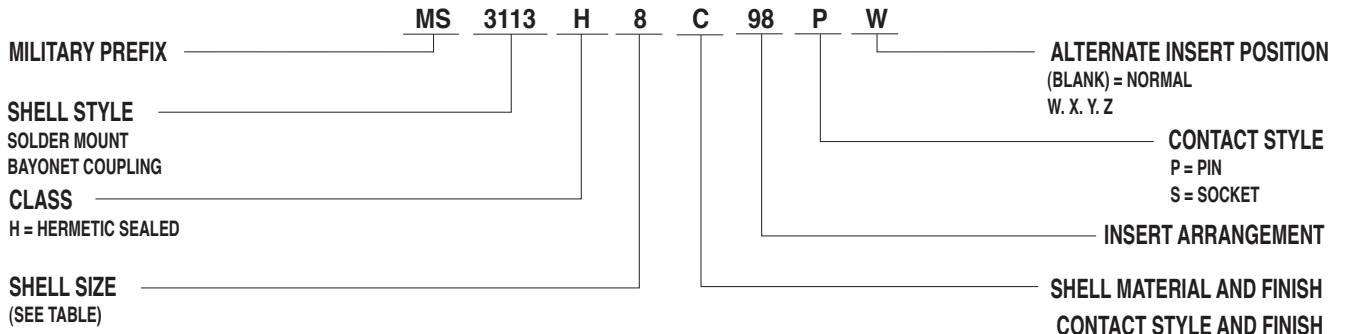


## ● MS 3113H Hermetic Bayonet Coupling, Solder Mount



|   | SHELL                            | CONTACT                  |
|---|----------------------------------|--------------------------|
| A | STAINLESS STEEL (PASSIVATED)     | SOLDER CUP (GOLD PLATED) |
| B | STAINLESS STEEL (PASSIVATED)     | EYELET (GOLD PLATED)     |
| C | FERROUS ALLOY (FUSED TIN PLATED) | SOLDER CUP (GOLD PLATED) |
| Y | FERROUS ALLOY (FUSED TIN PLATED) | EYELET (GOLD PLATED)     |

### EXPLANATION OF MS PART NUMBER



| Shell Size | Inch(mm)      |               |               |               |              |             |              |               |              |               |               |             |             |             |  |
|------------|---------------|---------------|---------------|---------------|--------------|-------------|--------------|---------------|--------------|---------------|---------------|-------------|-------------|-------------|--|
|            | ø A           | ø B           | ø C           | ø D           | E            | F MAX.      | H MAX.       | ø P           | M            | N □ MAX       | R □           | ø S         | J           | K           |  |
| 8          | .474 (12.04)  | .367 (9.32)   | .641 (16.28)  | .563 (14.30)  |              |             |              | .329 (8.36)   |              | .828 (21.03)  | .594 (15.09)  |             |             |             |  |
|            | .468 (11.89)  | .361 (9.17)   | .609 (15.47)  | .557 (14.15)  |              |             |              |               |              |               |               |             |             |             |  |
| 10         | .591 (15.01)  | .495 (12.57)  | .766 (19.46)  | .673 (17.09)  |              |             |              | .457 (11.61)  |              | .954 (24.23)  | .719 (18.26)  |             |             |             |  |
|            | .585 (15.86)  | .485 (12.32)  | .734 (18.64)  | .667 (16.94)  |              |             |              |               |              |               |               |             |             |             |  |
| 12         | .751 (19.07)  | .612 (15.54)  | .860 (21.84)  | .782 (19.86)  |              |             |              | .564 (14.32)  |              | 1.047 (26.59) | .812 (20.62)  |             |             |             |  |
|            | .745 (18.92)  | .606 (15.39)  | .828 (21.03)  | .776 (19.71)  |              |             |              |               |              |               |               |             |             |             |  |
| 14         | .876 (22.25)  | .737 (18.72)  | .985 (25.02)  | .907 (23.04)  | .442 (11.23) | .156 (3.96) | .828 (21.03) | .689 (17.50)  | .462 (11.73) | 1.141 (28.98) | .906 (23.01)  | .125 (3.17) | .057 (1.45) | .078 (1.98) |  |
|            | .870 (22.10)  | .731 (18.57)  | .953 (24.21)  | .901 (22.88)  | .411 (10.44) |             |              |               | .431 (10.95) | 1.141 (28.98) | .906 (23.01)  | .115 (2.92) | .037 (0.94) | .046 (1.17) |  |
| 16         | 1.001 (25.42) | .862 (21.89)  | 1.110 (28.19) | 1.032 (26.21) |              |             |              | .814 (20.67)  |              | 1.234 (31.34) | .969 (24.61)  |             |             |             |  |
|            | .995 (25.27)  | .856 (21.74)  | 1.078 (27.38) | 1.026 (26.06) |              |             |              |               |              |               |               |             |             |             |  |
| 18         | 1.126 (28.60) | .967 (24.56)  | 1.234 (31.34) | 1.157 (29.39) |              |             |              | .907 (23.04)  |              | 1.328 (33.73) | 1.062 (26.97) |             |             |             |  |
|            | 1.120 (28.45) | .961 (24.41)  | 1.202 (30.53) | 1.151 (29.23) |              |             |              |               |              |               |               |             |             |             |  |
| 20         | 1.251 (31.77) | 1.092 (27.74) | 1.328 (33.73) | 1.251 (31.77) |              |             | .891 (22.63) | 1.039 (26.39) |              | 1.453 (36.91) | 1.156 (29.36) |             |             |             |  |
|            | 1.245 (31.62) | 1.086 (27.58) | 1.296 (32.92) | 1.245 (31.62) | .504 (12.80) |             |              |               | .587 (14.91) | 1.453 (36.91) | 1.156 (29.36) |             |             |             |  |
| 22         | 1.376 (34.95) | 1.217 (30.91) | 1.454 (36.93) | 1.376 (34.95) | .473 (12.01) | .188 (4.77) |              | 1.164 (29.57) | .556 (14.12) | 1.578 (40.08) | 1.250 (31.75) |             | .088 (3.86) | .110 (2.19) |  |
|            | 1.370 (34.80) | 1.211 (30.76) | 1.422 (36.12) | 1.370 (34.80) |              |             |              |               |              |               |               |             | .068 (3.61) | .078 (1.38) |  |
| 24         | 1.501 (38.12) | 1.342 (34.09) | 1.579 (40.11) | 1.501 (38.12) | .537 (13.64) |             | .921 (23.39) | 1.289 (32.74) | .620 (15.75) | 1.703 (43.26) | 1.375 (34.92) | .152 (3.86) |             |             |  |
|            | 1.495 (37.97) | 1.336 (33.93) | 1.547 (39.29) | 1.495 (37.97) | .506 (12.85) |             |              |               | .589 (14.96) | 1.703 (43.26) | 1.375 (34.92) | .142 (3.61) |             |             |  |

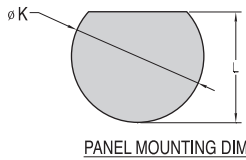
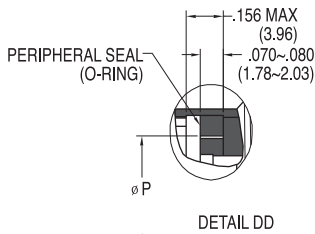
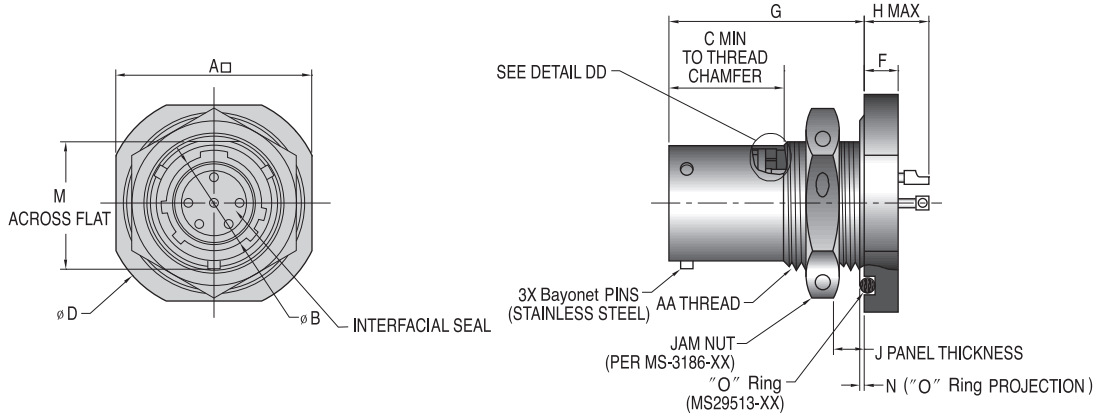
SUNGJIN CONNECTOR & CONNECTION TECHNOLOGIES

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# MIL-C-26482 SERIES I

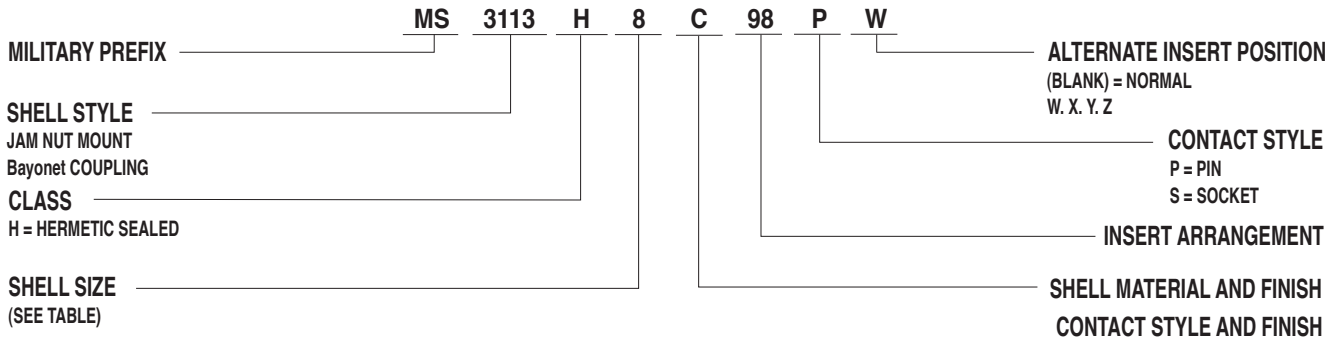


## ● MS3114H Hermetic Jam Nut Mounting



|   | SHELL                            | CONTACT                  |
|---|----------------------------------|--------------------------|
| A | STAINLESS STEEL (PASSIVATED)     | SOLDER CUP (GOLD PLATED) |
| B | STAINLESS STEEL (PASSIVATED)     | EYELET (GOLD PLATED)     |
| C | FERROUS ALLOY (FUSED TIN PLATED) | SOLDER CUP (GOLD PLATED) |
| Y | FERROUS ALLOY (FUSED TIN PLATED) | EYELET (GOLD PLATED)     |

### EXPLANATION OF MS PART NUMBER



| Shell Size | AA UNEF-2A THREAD | A □ MAX. |         | φ B   |         | C MIN WTG. THD LOC. |         | φ D OD |         | φ E   |         | F    | G      | H MAX | J PANEL THICKNESS |         | φ K PANEL MTG HOLE |        | L PANEL FLAT |         | M ACCROSS FLAT |         | N O-RING PROJECTION |         | φ P ID OF GASKET |  |
|------------|-------------------|----------|---------|-------|---------|---------------------|---------|--------|---------|-------|---------|------|--------|-------|-------------------|---------|--------------------|--------|--------------|---------|----------------|---------|---------------------|---------|------------------|--|
|            |                   | .954     | (12.23) | .367  | (9.32)  | .361                | (9.17)  |        |         | 1.078 | (27.38) |      |        |       | .474              | (12.04) |                    |        | .582         | (14.78) | .5550          | (13.97) | .530                | (13.46) |                  |  |
| 8          | .5625.24          | .954     | (12.23) | .367  | (9.32)  | .361                | (9.17)  | 1.078  | (27.38) | .474  | (12.04) |      |        |       |                   | .582    | (14.78)            | .5550  | (13.97)      | .530    | (13.46)        |         |                     | .329    | (8.36)           |  |
| 10         | .6875.25          | 1.078    | (23.38) | .495  | (12.57) | .485                | (12.32) | 1.203  | (30.56) | .591  | (15.01) |      |        |       |                   | .707    | (17.96)            | .660   | (16.76)      | .655    | (16.64)        |         |                     | .457    | (11.61)          |  |
| 12         | .875.20           | 1.266    | (32.16) | .612  | (15.54) | .606                | (15.39) | 1.391  | (35.33) | .745  | (19.07) | .127 | (3.22) | .722  | (18.34)           | .895    | (22.73)            | .838.8 | (21.28)      | .818    | (20.78)        |         |                     | .564    | (14.32)          |  |
| 14         | 1.000.20          | 1.391    | (35.33) | .737  | (18.72) | .731                | (18.57) | 1.516  | (38.51) | .876  | (22.25) | .087 | (2.21) | .691  | (17.55)           | .880    | (22.35)            | .847   | (21.44)      | .806    | (20.52)        |         |                     | .689    | (17.50)          |  |
| 16         | 1.125.18          | 1.516    | (38.51) | .862  | (21.89) | .856                | (21.74) | 1.641  | (41.68) | 1.001 | (25.42) |      |        |       |                   | 1.145   | (29.08)            | 1.086  | (27.58)      | 1.066   | (27.08)        |         |                     | .814    | (20.67)          |  |
| 18         | 1.250.18          | 1.641    | (41.68) | .967  | (24.56) | .961                | (24.41) | 1.766  | (44.86) | 1.126 | (28.60) |      |        |       |                   | 1.270   | (32.26)            | 1.211  | (30.76)      | 1.191   | (30.25)        | .032    | (.81)               | .907    | (23.04)          |  |
| 20         | 1.375.18          | 1.828    | (46.43) | 1.092 | (27.74) | 1.086               | (27.58) | 1.954  | (49.63) | 1.251 | (31.77) |      |        | .176  | (4.47)            | 1.395   | (35.43)            | 1.336  | (33.93)      | 1.316   | (33.42)        |         |                     | 1.039   | (26.39)          |  |
| 22         | 1.500.18          | 1.954    | (49.63) | 1.217 | (30.91) | 1.211               | (30.76) | 2.078  | (52.78) | 1.376 | (34.95) | .168 | (4.22) | .910  | (23.11)           | 1.520   | (38.61)            | 1.461  | (37.11)      | 1.441   | (36.60)        |         |                     | 1.164   | (29.56)          |  |
| 24         | 1.625.18          | 2.078    | (52.78) | 1.342 | (34.09) | 1.336               | (33.93) | 2.203  | (55.96) | 1.501 | (38.12) |      |        | .943  | (23.95)           | 1.645   | (41.78)            | 1.586  | (40.28)      | 1.566   | (39.78)        |         |                     | 1.289   | (32.74)          |  |