

# AS85049/25 and MS3437C Straight EMI/RFI Non-Environmental Backshell



AS85049

B

| CONNECTOR DESIGNATOR: |   |
|-----------------------|---|
| <b>A</b>              | AS50151 Series AS34001                                    |
|                       | MIL-DTL-26482 Series II                                   |
|                       | AS81703 Series III  |
|                       | MIL-DTL-83723 Series I & III                              |
|                       | 40M39569, DEF 5326-3, EN 2997                             |
|                       | EN 3646, ESC 10, ESC 11, LN 29504                         |
|                       | NFC93422 Series HE302<br>PAN 6432-1, PAN 6432-2, PATT 602 |

Basic Part Number      Dash Number (Table II)

**M85049/25 - 21 N**

**Finish / Material**  
*B = Black Cadmium / Stainless Steel*  
*N = Electroless Nickel / Aluminum*  
*S = Passivated / Stainless Steel*  
*W = 1,000 Hr. Cadmium Olive Drab over Electroless Nickel / Aluminum*  
*X = Aluminum, Nickel Fluorocarbon Polymer*  
*Z = Aluminum, Zinc-Nickel, Black*  
*XS = Stainless Steel, Nickel Fluorocarbon Polymer*  
*ZS = Stainless Steel, Zinc-Nickel, Black*

| Superseded Part Number   |          |
|--|----------|
| <b>MS3188C 21 N</b>  |          |
| Basic Part No.   | Dash No. |
| <b>Finish (Material is Aluminum Only)</b><br><i>A = Cadmium Olive Drab over Nickel</i><br><i>C = Cadmium Olive Drab</i><br><i>N = Electroless Nickel</i> |          |



- APPLICATION NOTES**
- For complete dimensions see the applicable Military Specification.
  - When maximum cable entry is exceeded, Style 2 will be supplied.
  - Metric dimensions (mm) are in parentheses.
  - Cable Range is defined as the accommodation range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.

Dimensions in inches (millimeters) and are subject to change without notice.



# AS85049/25 and MS3437C

## Straight EMI/RFI Non-Environmental Backshell

TABLE I: Shell Size

| Dash No. | A Thread Class 2B | C Dia Ref   |
|----------|-------------------|-------------|
| 03       | .562 - 24 UNEF    | .77 (19.6)  |
| 08       | .500 - 20 UNF     | .65 (16.5)  |
| 10       | .625 - 24 UNEF    | .77 (19.6)  |
| 12       | .750 - 20 UNEF    | .40 (10.2)  |
| 14       | .875 - 20 UNEF    | 1.02 (25.9) |
| 16       | 1.000 - 20 UNEF   | 1.21 (30.7) |
| 18       | 1.062 - 18 UNEF   | 1.23 (31.2) |
| 20       | 1.188 - 18 UNEF   | 1.36 (34.5) |
| 22       | 1.313 - 18 UNEF   | 1.48 (37.6) |
| 24       | 1.438 - 18 UNEF   | 1.73 (43.9) |
| 28       | 1.750 - 18 UNS    | 1.97 (50.0) |
| 32       | 2.000 - 18 UNS    | 2.22 (56.4) |
| 36       | 2.250 - 16 UN     | 2.47 (62.7) |
| 40       | 2.500 - 16 UN     | 2.72 (69.1) |
| 44       | 2.750 - 16 UN     | 2.97 (75.4) |
| 48       | 3.000 - 16 UN     | 3.22 (81.8) |
| 61       | 1.500 - 18 UNEF   | 1.67 (42.4) |

Refer to the  
Mil-Spec  
for  
Complete  
Dimensions

TABLE II: Dash Number, Dimensions and Cable Range

| Dash No. | Shell Size | Style | E Max         | F Ref.       | L Max        | Cable Range |              | M85049/42 Ref. |
|----------|------------|-------|---------------|--------------|--------------|-------------|--------------|----------------|
|          |            |       |               |              |              | Min         | Max          |                |
| 01       | 03         | 1     | 2.062 (52.4)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)  | .250 (6.4)   | 4              |
| 02       | 03         | 1     | 3.063 (77.8)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)  | .250 (6.4)   | 4              |
| 03       | 03         | 2     | 2.812 (71.4)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)  | .437 (11.1)  | 6              |
| 04       | 03         | 2     | 3.812 (96.8)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)  | .437 (11.1)  | 6              |
| 05       | 08         | 1     | 2.062 (52.4)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)  | .250 (6.4)   | 4              |
| 06       | 08         | 1     | 3.062 (77.8)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)  | .250 (6.4)   | 4              |
| 07       | 08         | 2     | 2.812 (71.4)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)  | .437 (11.1)  | 6              |
| 08       | 08         | 2     | 3.812 (96.8)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)  | .437 (11.1)  | 6              |
| 09       | 10         | 1     | 2.062 (52.4)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)  | .312 (7.9)   | 4              |
| 10       | 10         | 1     | 3.062 (77.8)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)  | .312 (7.9)   | 4              |
| 11       | 10         | 2     | 2.812 (71.4)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)  | .437 (11.1)  | 6              |
| 12       | 10         | 2     | 3.812 (96.8)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)  | .437 (11.1)  | 6              |
| 13       | 12         | 1     | 2.062 (52.4)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)  | .437 (11.1)  | 6              |
| 14       | 12         | 1     | 3.062 (77.8)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)  | .437 (11.1)  | 6              |
| 15       | 12         | 2     | 2.812 (71.4)  | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)  | .625 (15.9)  | 10             |
| 16       | 12         | 2     | 3.812 (96.8)  | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)  | .625 (15.9)  | 10             |
| 17       | 14         | 1     | 2.062 (52.4)  | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)  | .575 (14.6)  | 10             |
| 18       | 14         | 1     | 3.062 (77.8)  | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)  | .575 (14.6)  | 10             |
| 19       | 14         | 2     | 2.812 (71.4)  | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7) | .750 (19.1)  | 12             |
| 20       | 14         | 2     | 3.812 (96.8)  | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7) | .750 (19.1)  | 12             |
| 21       | 16         | 1     | 2.062 (52.4)  | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7) | .700 (17.8)  | 12             |
| 22       | 16         | 1     | 3.062 (77.8)  | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7) | .700 (17.8)  | 12             |
| 23       | 16         | 2     | 2.812 (71.4)  | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9) | .937 (23.8)  | 16             |
| 24       | 16         | 2     | 3.812 (96.8)  | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9) | .937 (23.8)  | 16             |
| 25       | 18         | 1     | 2.062 (52.4)  | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)  | .625 (15.9)  | 10             |
| 26       | 18         | 1     | 3.062 (77.8)  | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)  | .625 (15.9)  | 10             |
| 27       | 18         | 1     | 2.062 (52.4)  | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7) | .750 (19.1)  | 12             |
| 28       | 18         | 1     | 3.062 (77.8)  | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7) | .750 (19.1)  | 12             |
| 29       | 18         | 2     | 2.812 (71.4)  | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9) | .937 (23.8)  | 16             |
| 30       | 18         | 2     | 3.812 (96.8)  | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9) | .937 (23.8)  | 16             |
| 31       | 20         | 1     | 3.062 (77.8)  | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)  | .625 (15.9)  | 10             |
| 32       | 20         | 1     | 4.062 (103.2) | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)  | .625 (15.9)  | 10             |
| 33       | 20         | 1     | 3.062 (77.8)  | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7) | .750 (19.1)  | 12             |
| 34       | 20         | 1     | 4.062 (103.2) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7) | .750 (19.1)  | 12             |
| 35       | 20         | 2     | 3.812 (96.8)  | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9) | .937 (23.8)  | 16             |
| 36       | 20         | 2     | 4.812 (122.2) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9) | .937 (23.8)  | 16             |
| 37       | 20         | 2     | 3.812 (96.8)  | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2) | 1.250 (31.8) | 20             |
| 38       | 20         | 2     | 4.812 (122.2) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2) | 1.250 (31.8) | 20             |
| 39       | 22         | 1     | 3.062 (77.8)  | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)  | .625 (15.9)  | 10             |
| 40       | 22         | 1     | 4.062 (103.2) | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)  | .625 (15.9)  | 10             |
| 41       | 22         | 1     | 3.062 (77.8)  | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7) | .750 (19.1)  | 12             |
| 42       | 22         | 1     | 4.062 (103.2) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7) | .750 (19.1)  | 12             |
| 43       | 22         | 1     | 3.062 (77.8)  | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9) | .937 (23.8)  | 16             |
| 44       | 22         | 1     | 4.062 (103.2) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9) | .937 (23.8)  | 16             |
| 45       | 22         | 2     | 3.812 (96.8)  | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2) | 1.250 (31.8) | 20             |
| 46       | 22         | 2     | 4.812 (122.2) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2) | 1.250 (31.8) | 20             |
| 47       | 24         | 1     | 3.062 (77.8)  | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7) | .750 (19.1)  | 12             |
| 48       | 24         | 1     | 4.062 (103.2) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7) | .750 (19.1)  | 12             |
| 49       | 24         | 1     | 3.062 (77.8)  | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9) | .812 (20.6)  | 16             |
| 50       | 24         | 1     | 4.062 (103.2) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9) | .812 (20.6)  | 16             |
| 51       | 24         | 1     | 3.062 (77.8)  | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9) | .937 (23.8)  | 16             |
| 52       | 24         | 1     | 4.062 (103.2) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9) | .937 (23.8)  | 16             |

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Dimensions in inches (millimeters) and are subject to change without notice.

# AS85049/25 and MS3437C Straight EMI/RFI Non-Environmental Backshell



AS85049

B

| TABLE II: Continued from Page B-48 |            |       |               |              |              |              |              |                |
|------------------------------------|------------|-------|---------------|--------------|--------------|--------------|--------------|----------------|
| Dash No.                           | Shell Size | Style | E Max         | F Ref.       | L Max        | Cable Range  |              | M85049/42 Ref. |
|                                    |            |       |               |              |              | Min          | Max          |                |
| 53                                 | 24         | 2     | 3.812 (96.8)  | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 54                                 | 24         | 2     | 4.812 (122.2) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 55                                 | 28         | 1     | 3.062 (77.8)  | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |
| 56                                 | 28         | 1     | 4.062 (103.2) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |
| 57                                 | 28         | 1     | 3.062 (77.8)  | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 58                                 | 28         | 1     | 4.062 (103.2) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 59                                 | 28         | 1     | 3.062 (77.8)  | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 60                                 | 28         | 1     | 4.062 (103.2) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 61                                 | 28         | 1     | 3.062 (77.8)  | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 62                                 | 28         | 1     | 4.062 (103.2) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 63                                 | 32         | 1     | 3.062 (77.8)  | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 64                                 | 32         | 1     | 4.062 (103.2) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 65                                 | 32         | 1     | 3.062 (77.8)  | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 66                                 | 32         | 1     | 4.062 (103.2) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 67                                 | 32         | 1     | 3.062 (77.8)  | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 68                                 | 32         | 1     | 4.062 (103.2) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 69                                 | 32         | 1     | 3.062 (77.8)  | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 70                                 | 32         | 1     | 4.062 (103.2) | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 71                                 | 36         | 1     | 4.062 (103.2) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 72                                 | 36         | 1     | 5.062 (128.6) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 73                                 | 36         | 1     | 4.062 (103.2) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 74                                 | 36         | 1     | 5.062 (128.6) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 75                                 | 36         | 1     | 4.062 (103.2) | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 76                                 | 36         | 1     | 5.062 (128.6) | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 77                                 | 36         | 2     | 4.942 (125.5) | 1.830 (46.5) | 3.020 (76.7) | 1.437 (36.5) | 1.875 (47.6) | 32             |
| 78                                 | 36         | 2     | 5.942 (150.9) | 1.830 (46.5) | 3.020 (76.7) | 1.437 (36.5) | 1.875 (47.6) | 32             |
| 79                                 | 40         | 1     | 4.062 (103.2) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 80                                 | 40         | 1     | 5.062 (128.6) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 81                                 | 40         | 1     | 4.062 (103.2) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 82                                 | 40         | 1     | 5.062 (128.6) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 83                                 | 40         | 1     | 4.062 (103.2) | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 84                                 | 40         | 1     | 5.062 (128.6) | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 85                                 | 40         | 1     | 4.062 (103.2) | 1.830 (46.5) | 3.020 (76.7) | 1.437 (36.5) | 1.875 (47.6) | 32             |
| 86                                 | 40         | 1     | 5.062 (128.6) | 1.830 (46.5) | 3.020 (76.7) | 1.437 (36.5) | 1.875 (47.6) | 32             |
| 87                                 | 44         | 1     | 4.062 (103.2) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 88                                 | 44         | 1     | 5.062 (128.6) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 89                                 | 44         | 1     | 4.062 (103.2) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 90                                 | 44         | 1     | 5.062 (128.6) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 91                                 | 44         | 1     | 4.062 (103.2) | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 92                                 | 44         | 1     | 5.062 (128.6) | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 93                                 | 44         | 1     | 4.062 (103.2) | 1.830 (46.5) | 3.020 (76.7) | 1.437 (36.5) | 1.875 (47.6) | 32             |
| 94                                 | 44         | 1     | 5.062 (128.6) | 1.830 (46.5) | 3.020 (76.7) | 1.437 (36.5) | 1.875 (47.6) | 32             |
| 95                                 | 48         | 1     | 4.062 (103.2) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 96                                 | 48         | 1     | 5.062 (128.6) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 97                                 | 48         | 1     | 4.062 (103.2) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 98                                 | 48         | 1     | 5.062 (128.6) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 99                                 | 48         | 1     | 4.062 (103.2) | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 100                                | 48         | 1     | 5.062 (128.6) | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 101                                | 48         | 1     | 4.062 (103.2) | 1.830 (46.5) | 3.020 (76.7) | 1.437 (36.5) | 1.875 (47.6) | 32             |
| 102                                | 48         | 1     | 5.062 (128.6) | 1.830 (46.5) | 3.020 (76.7) | 1.437 (36.5) | 1.875 (47.6) | 32             |
| 103                                | 61         | 1     | 3.062 (77.8)  | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |
| 104                                | 61         | 1     | 4.062 (103.2) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |

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Dimensions in inches (millimeters) and are subject to change without notice.



## AS85049/25 and MS3437C Straight EMI/RFI Non-Environmental Backshell

TABLE II: Continued from Page B-49

| Dash No. | Shell Size | Style | E Max         | F Ref.       | L Max        | Cable Range  |              | M85049/42 Ref. |
|----------|------------|-------|---------------|--------------|--------------|--------------|--------------|----------------|
|          |            |       |               |              |              | Min          | Max          |                |
| 105      | 61         | 1     | 3.062 (77.8)  | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 106      | 61         | 1     | 4.062 (103.2) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 107      | 61         | 2     | 3.812 (96.8)  | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 108      | 61         | 2     | 4.812 (122.2) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 109      | 61         | 2     | 3.812 (96.8)  | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 110      | 61         | 2     | 4.812 (122.2) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 111      | 12         | 1     | 2.062 (52.4)  | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)   | .500 (12.7)  | 10             |
| 112      | 16         | 1     | 2.062 (52.4)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  | 06             |
| 113      | 16         | 1     | 3.062 (77.8)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  | 06             |
| 114      | 12         | 1     | 2.062 (52.4)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   | 04             |
| 115      | 12         | 1     | 3.062 (77.8)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   | 04             |
| 116      | 14         | 1     | 2.062 (52.4)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  | 06             |
| 117      | 14         | 1     | 3.062 (77.8)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  | 06             |
| 118      | 16         | 1     | 2.062 (52.4)  | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)   | .625 (15.9)  | 10             |
| 119      | 16         | 1     | 3.062 (77.8)  | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)   | .625 (15.9)  | 10             |
| 120      | 18         | 1     | 2.062 (52.4)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   | 04             |
| 121      | 18         | 1     | 3.062 (77.8)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   | 04             |
| 122      | 18         | 1     | 2.062 (52.4)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  | 06             |
| 123      | 18         | 1     | 3.062 (77.8)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  | 06             |
| 124      | 20         | 1     | 3.062 (77.8)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  | 06             |
| 125      | 20         | 1     | 4.062 (103.2) | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  | 06             |
| 126      | 22         | 1     | 3.062 (77.8)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   | 04             |
| 127      | 22         | 1     | 4.062 (103.2) | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   | 04             |
| 128      | 22         | 1     | 3.062 (77.8)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  | 06             |
| 129      | 22         | 1     | 4.062 (103.2) | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  | 06             |
| 130      | 24         | 1     | 3.062 (77.8)  | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)   | .625 (15.9)  | 10             |
| 131      | 24         | 1     | 4.062 (103.2) | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)   | .625 (15.9)  | 10             |
| 132      | 36         | 1     | 4.062 (103.2) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |
| 133      | 36         | 1     | 5.062 (128.6) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |
| 134      | 40         | 1     | 4.062 (103.2) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |
| 135      | 40         | 1     | 5.062 (128.6) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |
| 136      | 10         | 1     | 2.062 (52.4)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .375 (9.5)   | 06             |
| 137      | 10         | 1     | 3.062 (77.8)  | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .375 (9.5)   | 06             |
| 138      | 12         | 1     | 2.062 (52.4)  | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)   | .500 (12.7)  | 10             |
| 139      | 12         | 1     | 3.062 (77.8)  | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)   | .500 (12.7)  | 10             |
| 140      | 20         | 1     | 3.062 (77.8)  | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .904 (23.0)  | 16             |
| 141      | 20         | 1     | 4.062 (103.2) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .904 (23.0)  | 16             |
| 142      | 22         | 1     | 3.062 (77.8)  | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.029 (26.1) | 20             |
| 143      | 22         | 1     | 4.062 (103.2) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.029 (26.1) | 20             |
| 144      | 24         | 1     | 3.062 (77.8)  | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.144 (29.1) | 20             |
| 145      | 24         | 1     | 4.062 (103.2) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.144 (29.1) | 20             |
| 146      | 36         | 1     | 4.062 (103.2) | 1.830 (46.5) | 3.020 (76.7) | 1.437 (36.5) | 1.840 (46.7) | 32             |
| 147      | 36         | 1     | 5.062 (128.6) | 1.830 (46.5) | 3.020 (76.7) | 1.437 (36.5) | 1.840 (46.7) | 32             |
| 148      | 36         | 1     | 4.062 (103.2) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 149      | 36         | 1     | 5.062 (128.6) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 150      | 14         | 1     | 2.062 (52.4)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   | 04             |
| 151      | 14         | 1     | 3.062 (77.8)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   | 04             |
| 152      | 16         | 1     | 2.062 (52.4)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   | 04             |
| 153      | 16         | 1     | 3.062 (77.8)  | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   | 04             |
| 154      | 44         | 1     | 4.062 (103.2) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 155      | 44         | 1     | 5.062 (128.6) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 156      | 40         | 1     | 4.062 (103.2) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 157      | 40         | 1     | 5.062 (128.6) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |

Dimensions in inches (millimeters) and are subject to change without notice.