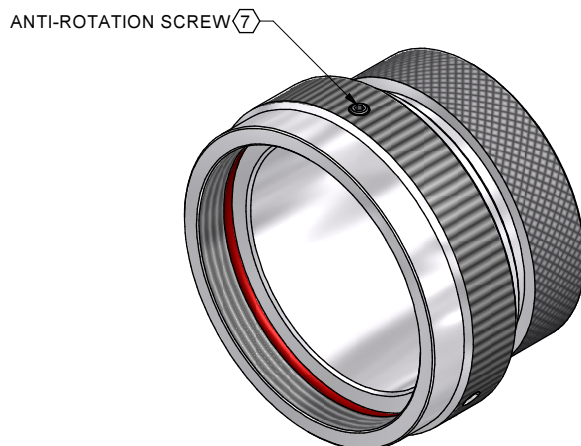




## CODE 18 - HEAT SHRINK BOOT BACKSHELL

218M632A19B  
 SERIES \_\_\_\_\_  
 DASH NUMBER (TABLE 1) \_\_\_\_\_  
 MANUFACTURER CODE \_\_\_\_\_  
 SEE TABLE 2  
 MATERIAL \_\_\_\_\_  
 REFER TO CH00-0250-004  
 FINISH \_\_\_\_\_  
 REFER TO CH00-0250-004

### NOTES:

1. THIS PRODUCT IS DESIGNED TO TERMINATE A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
2. FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATION, SEE CH00-0250-004.
3. BACKSHELL TO BE PERMANENTLY MARKED/BAGGED AND LABELLED WITH CODE IDENTIFICATION NUMBER AND PART NUMBER. (e.g. 06090-218M612-19B).
4. BACKSHELL MATES TO MIL-DTL-5015, CLASS A, E & R, MS3100, MS3101 & MS3106. RESILIENT INSERT, SOLDER TYPE AND BENDIX 10-214, CANNON CA-RX COMMERCIAL CRIMP TYPE (LESS ENDBELL).
5. ALL THREAD SIZES FOR ORDER APPLY.
6. ADDITIONAL PIECE(S) SUPPLIED WHEN CONNECTOR MFR IS UNKNOWN (D IN TABLE 2)
7. ANTI-ROTATIONAL SET SCREW, THREE #4-40 THREADED HOLES 120° APART, SINGLE MATING SET SCREW SUPPLIED.

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|                                                     |                           |                    |                                                                                                                                   |                                          |  |                                                                                                                                                                                           |                                                                                                                                                                                                                          |                        |                   |          |
|-----------------------------------------------------|---------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------|----------|
| DRAWN                                               | K.WINCZURA                | DATE<br>26/05/2015 | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE | TITLE:<br><br>HEAT SHRINK BOOT BACKSHELL |  | <br>Polamco<br> |                                                                                                                                                                                                                          |                        |                   |          |
| CHECKED                                             |                           | 26/05/2015         |                                                                                                                                   |                                          |  |                                                                                                                                                                                           |                                                                                                                                                                                                                          |                        |                   |          |
| APPROVED                                            | K.SHEPPARD                | 27/04/2015         |                                                                                                                                   | ASSY USED ON:<br><br>MIL-DTL-5015D       |  |                                                                                                                                                                                           |                                                                                                                                                                                                                          |                        |                   |          |
| APPROVED                                            | H.SMITH                   | 02/09/2015         |                                                                                                                                   |                                          |  |                                                                                                                                                                                           |                                                                                                                                                                                                                          |                        |                   |          |
| REVISIONS                                           |                           |                    | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br>GENERAL TOL<br>LINEAR +/-0.25MM<br>ANGULAR +/- 1°                  |                                          |  |                                                                                                                                                                                           |                                                                                                                                                                                                                          |                        |                   |          |
| LTR                                                 | DESCRIPTION               | DATE               |                                                                                                                                   |                                          |  |                                                                                                                                                                                           | APPROVED                                                                                                                                                                                                                 |                        |                   |          |
| H                                                   | REVISED PER ECN AD93111   |                    |                                                                                                                                   |                                          |  |                                                                                                                                                                                           |                                                                                                                                                                                                                          |                        |                   |          |
| J                                                   | REVISED PER ECO-15-012672 | 02/09/2015         |                                                                                                                                   |                                          |  |                                                                                                                                                                                           | H.SMITH                                                                                                                                                                                                                  |                        |                   |          |
| TE CAGE CODE: 06090<br>POLAMCO/TE CAGE CODE: U15792 |                           |                    |                                                                                                                                   |                                          |  |                                                                                                                                                                                           | TE CONNECTIVITY - POLAMCO LTD RESERVES THE RIGHT TO AMEND THIS DRAWING<br>AND THE INFORMATION SET FORTH HEREON AT ANY TIME. USERS SHOULD<br>INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION. | DRAWING NO:<br>218M6XX | DRAWING REV:<br>J | SHT<br>1 |

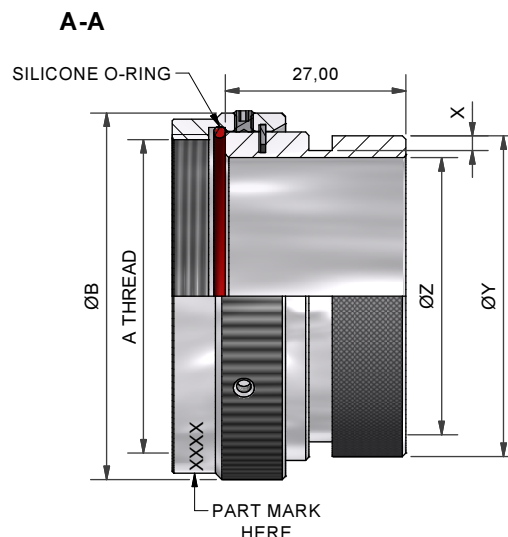
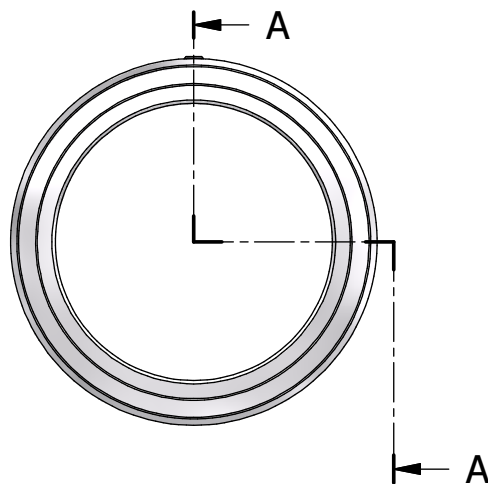
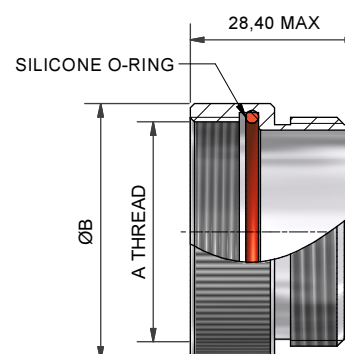


TABLE 1

| ORDER NUMBER | SHELL SIZE | MFR CODE TABLE 3 | A THREAD       | ØB MAX | ØZ   | ØY MAX | X +0,20/-0,00 |
|--------------|------------|------------------|----------------|--------|------|--------|---------------|
| 08           | 8S         | B                | 3/8-32 UNEF    | 18,5   | 6,2  | 13,0   | 1,12          |
|              | 8S         | C                | 7/16-28 UNEF   | 18,0   | 8,0  | 13,0   | 1,12          |
|              | 8S         | A, R             | 7/16-27 UNS    | 18,5   | 8,0  | 13,0   | 1,12          |
|              | 8S         | D (6)            | (5)            | 18,5   | 8,0  | 13,0   | 1,12          |
| 10           | 10S        | -                | 1/2-28 UNEF    | 19,8   | 9,5  | 15,0   | 1,12          |
| 11           | 10SL       | C                | 9/16-24 UNEF   | 21,6   | 11,2 | 16,0   | 1,12          |
|              | 10SL       | A, B, R          | 5/8-24 UNEF    | 23,0   | 12,7 | 19,0   | 1,12          |
|              | 10SL       | D (6)            | (5)            | 23,0   | 11,2 | 19,0   | 1,12          |
| 12           | 12 & 12S   | B, C             | 5/8-24 UNEF    | 23,0   | 12,7 | 19,0   | 1,12          |
|              | 12 & 12S   | A, R             | 11/16-24 UNEF  | 24,9   | 14,3 | 19,0   | 1,12          |
|              | 12 & 12S   | D (6)            | (5)            | 24,9   | 12,7 | 19,0   | 1,12          |
| 14           | 14 & 14S   | -                | 3/4-20 UNEF    | 27,7   | 16,0 | 21,0   | 1,12          |
| 16           | 16 & 16S   | -                | 7/8-20 UNEF    | 31,1   | 19,0 | 24,0   | 1,12          |
| 18           | 18         | -                | 1-20 UNEF      | 34,4   | 20,7 | 26,0   | 1,12          |
| 20           | 20         | A, B, C          | 1 1/8-18 UNEF  | 37,6   | 25,4 | 34,0   | 1,75          |
|              | 20         | R                | 1 1/8-24 UNS   | 37,6   | 25,4 | 34,0   | 1,75          |
|              | 20         | D (6)            | (5)            | 37,6   | 25,4 | 34,0   | 1,75          |
| 22           | 22         | -                | 1 1/4-18 UNEF  | 40,6   | 28,5 | 36,0   | 1,75          |
| 24           | 24         | -                | 1 3/8-18 UNEF  | 43,6   | 31,8 | 40,5   | 1,75          |
| 28           | 28         | -                | 1 5/8-18 UNEF  | 48,6   | 35,0 | 43,0   | 2,20          |
| 32           | 32         | B, C             | 1 7/8-16 UN    | 54,9   | 41,5 | 48,0   | 2,20          |
|              | 32         | A, R             | 1 29/32-18 UN  | 54,9   | 41,3 | 48,0   | 2,20          |
|              | 32         | D (6)            | (5)            | 54,9   | 41,5 | 48,0   | 2,20          |
| 36           | 36         | B                | 2 1/16-16 UNS  | 64,6   | 47,6 | 54,5   | 2,20          |
|              | 36         | R                | 2 1/16-20 UNS  | 64,6   | 47,6 | 54,5   | 2,20          |
|              | 36         | C                | 2 1/8-16 UN    | 64,6   | 48,0 | 54,5   | 2,20          |
|              | 36         | A                | 2 1/8-18 UNS   | 64,6   | 47,6 | 54,5   | 2,20          |
|              | 36         | D (6)            | (5)            | 64,6   | 48,0 | 54,5   | 2,20          |
| 40           | 40         | B                | 2 5/16-16 UN   | 70,6   | 54,0 | 60,5   | 2,20          |
|              | 40         | A, C, R          | 2 3/8-16 UN    | 70,6   | 54,0 | 60,5   | 2,20          |
|              | 40         | D (6)            | (5)            | 69,3   | 54,0 | 60,5   | 2,20          |
| 44           | 44         | -                | 2 5/8-16 UN    | 82,0   | 60,3 | 67,6   | 2,20          |
| 48           | 48         | C                | 2 13/16-18 UNS | 82,0   | 66,7 | 74,0   | 2,20          |
|              | 48         | A, R             | 2 7/8-16 UN    | 82,0   | 66,7 | 74,0   | 2,20          |
|              | 48         | D (6)            | (5)            | 82,0   | 66,7 | 74,0   | 2,20          |

TABLE 2

| MFR CODE | CONNECTOR MANUFACTURER (MS 3100, MS 3101 & MS 3106) |
|----------|-----------------------------------------------------|
| A        | AMPHENOL - CLASS A                                  |
| B        | BENDIX - CLASS A, E & R                             |
| C        | CANNON - CLASS A, E & R                             |
| D        | MFR UNKNOWN, CLASS A, E & R                         |
| R        | AMPHENOL - CLASS R                                  |
| -        | MFR CODE NOT REQUIRED                               |



ADDITIONAL PIECE(S) SUPPLIED WHEN CONNECTOR MANUFACTURER IS UNKNOWN ("D" IN TABLE 3)

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|                                                    |                           |            |            |                                                                                                                                                     |                                                                                                                                                                                                                    |                            |              |   |                                |               |
|----------------------------------------------------|---------------------------|------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------|---|--------------------------------|---------------|
| DRAWN                                              | K.WINCZURA                | DATE       | 26/05/2015 | <br>3RD ANGLE PROJECTION NOT TO SCALE<br>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES<br>GENERAL TOL LINEAR +/-0,25MM<br>ANGULAR +/- 1° | TITLE:                                                                                                                                                                                                             | HEAT SHRINK BOOT BACKSHELL |              |   | <br>Polamco<br>TE connectivity |               |
| CHECKED                                            |                           | DATE       | 26/05/2015 |                                                                                                                                                     | ASSY USED ON:                                                                                                                                                                                                      |                            |              |   |                                | MIL-DTL-5015D |
| APPROVED                                           | K.SHEPPARD                | DATE       | 27/04/2015 |                                                                                                                                                     |                                                                                                                                                                                                                    |                            |              |   |                                |               |
| APPROVED                                           | H.SMITH                   | DATE       | 02/09/2015 |                                                                                                                                                     |                                                                                                                                                                                                                    |                            |              |   |                                |               |
| REVISIONS                                          |                           |            |            |                                                                                                                                                     |                                                                                                                                                                                                                    |                            |              |   |                                |               |
| LTR                                                | DESCRIPTION               | DATE       | APPROVED   |                                                                                                                                                     |                                                                                                                                                                                                                    |                            |              |   |                                |               |
| H                                                  | REVISED PER ECN AD93111   |            |            |                                                                                                                                                     |                                                                                                                                                                                                                    |                            |              |   |                                |               |
| J                                                  | REVISED PER ECO-15-012672 | 02/09/2015 | H.SMITH    |                                                                                                                                                     |                                                                                                                                                                                                                    |                            |              |   |                                |               |
| TE CAGE CODE: 06090<br>POLAMCO/TE CAGE CODE: U5792 |                           |            |            |                                                                                                                                                     | TE CONNECTIVITY - POLAMCO LTD RESERVES THE RIGHT TO AMEND THIS DRAWING AND THE INFORMATION SET FORTH HEREON AT ANY TIME. USERS SHOULD INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION. |                            |              |   |                                |               |
|                                                    |                           |            |            |                                                                                                                                                     | DRAWING NO:                                                                                                                                                                                                        | 218M6XX                    | DRAWING REV: | J | SHT                            | 2             |