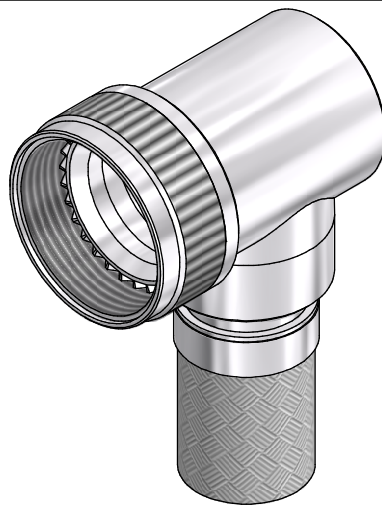




## CODE 54 - BRAID TAIL BACKSHELL

**203M216-19B08-L**

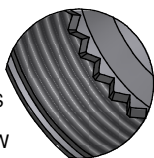
SERIES \_\_\_\_\_  
ORDER NUMBER (TABLE 1) \_\_\_\_\_  
MATERIAL \_\_\_\_\_  
REFER TO CH00-0250-004  
FINISH \_\_\_\_\_  
REFER TO CH00-0250-004  
ENTRY SIZE (TABLE 2) \_\_\_\_\_  
MODIFICATION CODE \_\_\_\_\_  
REFER TO CH00-0250-004 ②

### NOTES:

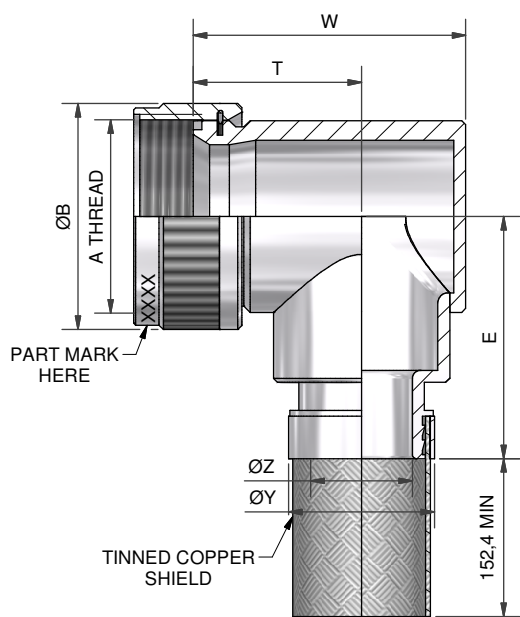
1. THIS PRODUCT IS DESIGNED TO TERMINATE A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- ② FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-004
3. BACKSHELL TO BE PERMANENTLY MARKED/BAGGED AND LABELLED WITH CODE IDENTIFICATION NUMBER AND PART NUMBER. (e.g. 06090-203M216-19B08).
- ④ WHEN ENTRY SIZE EXCEEDS "MAX ENTRY", A 2 PIECE BACKSHELL (TYPE 2) IS SUPPLIED.
5. BRAID TERMINATION RING MAY BE SUPPLIED AS TINEL-LOCK SHAPE MEMORY RING AT MANUFACTURERS OPTION.
- ⑥ BACKSHELL MATES TO MIL-C-81703, SERIES III, MS3424, MS3446, MS3464, MS3467, MS3468, CLASS E & L
- ⑦ BACKSHELL MATES TO MIL-C-5015G, MS3400 SERIES, CLASS D, E, K, L, U & W, MS3400, MS3401, MS3404, MS3406, MS3450, MS3451, MS3454, MS3456, MS3470, MS3471, MS3472, MS3474, MS3475, MS3476. MIL-C-83723, SERIES II, CLASS A & L. MIL-C-83723, SERIES I & III, CLASS A, G, K, R & S: M83723/1, /2, /3, /4, /5, /6, /7, /8, /13, /14, /36, /37, /38, /40, /41, /42, /43, /48, /49, /65, /66, /67, /68, /69, /70, /71, /72, /73, /74, /75, /76, /77, /78, /82, /83, /84, /85, /86, /87, /91, /92, /95, /97, /98, (MS3155 CONTROLLED INTERFACE).
8. WHEN "L" MODIFICATION IS SPECIFIED, COUPLING NUT SHALL HAVE 3 WIRE HOLES, 120° APART.

|                                                    |                           |      |             |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                    |                                                                                                          |                   |          |
|----------------------------------------------------|---------------------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------|----------|
| <b>DRAWN</b>                                       | K.WINCZURA                | DATE | 13/02/2015  | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE<br><br>UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br><b>GENERAL TOL</b><br>LINEAR +/-0.25MM<br>ANGULAR +/- 1° | <b>TITLE:</b><br><br>BRAID TAIL BACKSHELL                                                                                                                                                                          | <br>Polamco         |                   |          |
| <b>CHECKED</b>                                     |                           | DATE | 13/02/2015  |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                    |                                                                                                          |                   |          |
| <b>APPROVED</b>                                    | K.SHEPPARD                | DATE | 24/02/2015  |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                    |                                                                                                          |                   |          |
| <b>APPROVED</b>                                    | H.SMITH                   | DATE | 01/10/2015  |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                    |                                                                                                          |                   |          |
| <b>REVISIONS</b>                                   |                           |      |             |                                                                                                                                                                                                                                                                  | <b>ASSY USED ON:</b><br><br>MIL-DTL-26482 SERIES II / MIL-DTL-83723 SERIES I & III                                                                                                                                 | <br>TE connectivity |                   |          |
| <b>LTR</b>                                         | <b>DESCRIPTION</b>        |      | <b>DATE</b> | <b>APPROVED</b>                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                    |                                                                                                          |                   |          |
| <b>R</b>                                           | REVISED PER ECO-15-003651 |      | 10/03/2015  | I.MYONG                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                                                                                                          |                   |          |
| <b>S</b>                                           | REVISED PER ECO-15-013980 |      | 01/10/2015  | 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:<br>203M2XX                                                                                   | DRAWING REV:<br>S | SHT<br>1 |

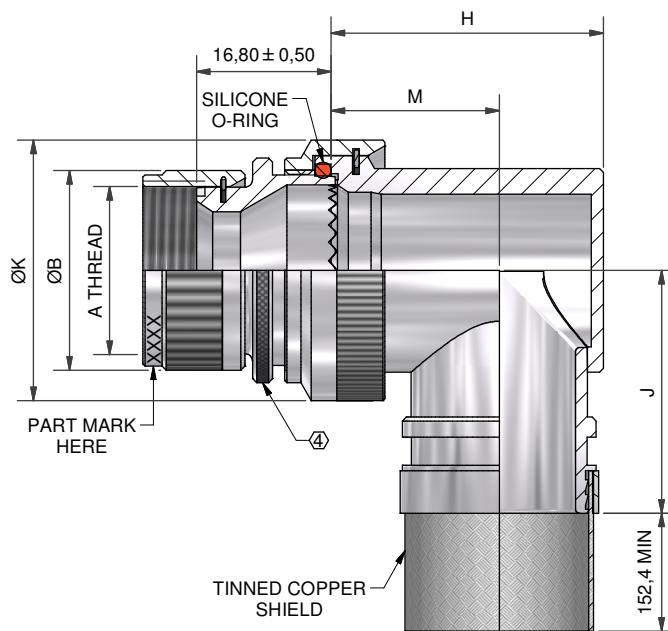
STAINLESS  
STEEL  
TEETH VIEW



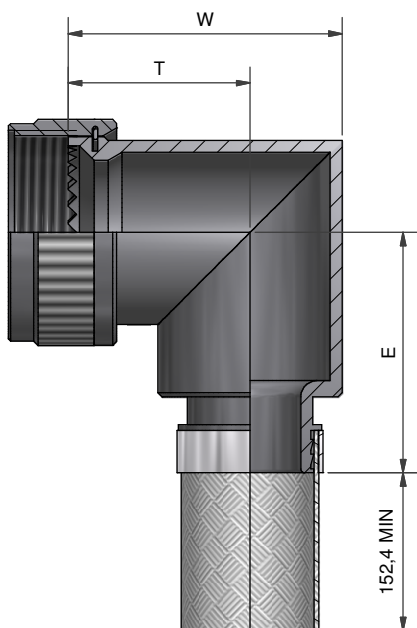
IF MAX ENTRY IS EXCEEDED BACKSHELL  
WILL BE SUPPLIED AS TYPE 2



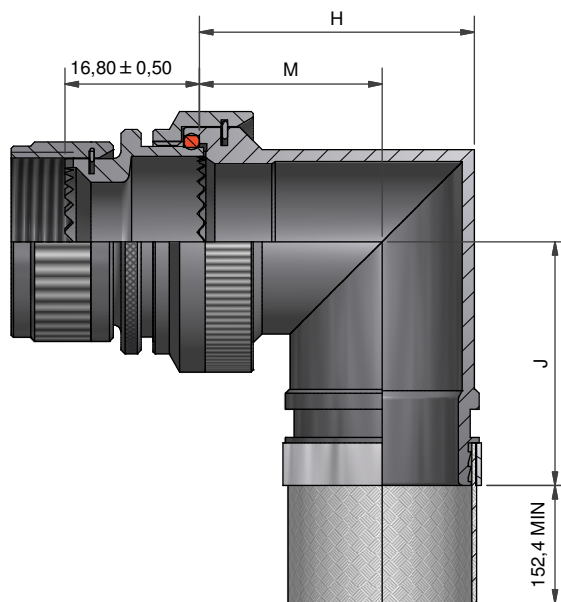
90° BACKSHELL - TYPE 1



90° BACKSHELL - TYPE 2



90° BACKSHELL - TYPE 1  
STAINLESS STEEL AND  
NICKEL ALUMINIUM BRONZE



90° BACKSHELL - TYPE 2  
STAINLESS STEEL AND  
NICKEL ALUMINIUM BRONZE

|           |                           |            |            |
|-----------|---------------------------|------------|------------|
| DRAWN     | K.WINCZURA                | DATE       | 13/02/2015 |
| CHECKED   |                           | DATE       | 13/02/2015 |
| APPROVED  | K.SHEPPARD                | DATE       | 24/02/2015 |
| APPROVED  | H.SMITH                   | DATE       | 01/10/2015 |
| REVISIONS |                           |            |            |
| LTR       | DESCRIPTION               | DATE       | APPROVED   |
| R         | REVISED PER ECO-15-003651 | 10/03/2015 | I.MYONG    |
| S         | REVISED PER ECO-15-013980 | 01/10/2015 | H.SMITH    |



3RD ANGLE  
PROJECTION  
NOT TO  
SCALE

UNLESS OTHERWISE SPECIFIED  
ALL DIMENSIONS IN MILLIMETRES  
GENERAL TOL  
LINEAR  $\pm 0.25$ MM  
ANGULAR  $\pm 1^\circ$

TITLE:

BRAID TAIL BACKSHELL

ASSY USED ON:

MIL-DTL-26482 SERIES II / MIL-DTL-83723 SERIES I & III

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:  
203M2XX

DRAWING REV:  
S

SHT  
2

TE CAGE CODE: 06090  
POLAMCO/TE CAGE CODE: U5792



Polamco



TABLE 1

| ORDER NUMBER | SHELL SIZE |               | A THREAD       | ØB MAX | MAX ENTRY | W<br>±0,5 | T<br>±0,5 | E<br>±0,5 | THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE |           |           |
|--------------|------------|---------------|----------------|--------|-----------|-----------|-----------|-----------|-----------------------------------------------------------------------------------|-----------|-----------|
|              | ⑥          | ⑦             |                |        |           |           |           |           | W<br>±0,5                                                                         | T<br>±0,5 | E<br>±0,5 |
| 03           | 3          |               | 9/16-24 UNEF   | 17,0   | 04        | 26,4      | 17,8      | 23,8      | 26,3                                                                              | 16,0      | 23,8      |
| 08           |            | 8 & 8S        | 1/2-20 UNF     | 15,6   | 04        | 24,5      | 17,5      | 23,8      | 22,4                                                                              | 17,5      | 23,8      |
| 10           | 10         | 10, 10S, 10SL | 5/8-24 UNEF    | 18,6   | 06        | 26,5      | 17,8      | 25,5      | 25,0                                                                              | 18,8      | 25,5      |
| 12           | 7          | 12 & 12S      | 3/4-20 UNEF    | 21,7   | 08        | 29,0      | 18,7      | 26,5      | 28,3                                                                              | 20,4      | 26,5      |
| 14           | 12         | 14 & 14S      | 7/8-20 UNEF    | 24,9   | 09        | 30,5      | 19,0      | 28,1      | 30,4                                                                              | 21,5      | 28,1      |
| 16           | 19         | 16 & 16S      | 1-20 UNEF      | 28,2   | 11        | 34,0      | 21,0      | 30,2      | 33,5                                                                              | 23,0      | 30,2      |
| 18           | 27         | 18            | 1 1/16-18 UNEF | 30,9   | 12        | 37,0      | 23,5      | 30,2      | 35,5                                                                              | 24,0      | 30,2      |
| 20           | 37         | 20            | 1 3/16-18 UNEF | 34,1   | 14        | 42,0      | 27,0      | 32,0      | 38,8                                                                              | 25,7      | 32,0      |
| 22           |            | 22            | 1 5/16-18 UNEF | 37,3   | 16        | 44,0      | 27,0      | 33,6      | 41,9                                                                              | 27,2      | 33,6      |
| 24           |            | 24            | 1 7/16-18 UNEF | 40,4   | 18        | 45,0      | 27,0      | 35,1      | 44,8                                                                              | 28,7      | 35,1      |
| 28           |            | 28            | 1 3/4-18UNS    | 50,0   | 22        | 54,2      | 31,4      | 38,7      | 50,7                                                                              | 31,6      | 38,7      |
| 32           |            | 32            | 2-18 UNS       | 56,3   | 24        | 60,9      | 36,4      | 42,3      | 60,0                                                                              | 33,5      | 42,3      |
| 36           |            | 36            | 2 1/4-16 UN    | 62,7   | 28        | 67,2      | 38,0      | 47,1      | 65,5                                                                              | 36,0      | 47,1      |
| 40           |            | 40            | 2 1/2-16 UN    | 69,0   | 28        | 73,2      | 41,0      | 49,3      | 72,0                                                                              | 39,3      | 49,3      |
| 44           |            | 44            | 2 3/4-16 UN    | 75,4   | 28        | 79,5      | 44,1      | 52,5      | 75,5                                                                              | 40,8      | 52,5      |
| 48           |            | 48            | 3-16UN         | 81,7   | 28        | 85,8      | 47,2      | 55,6      | 75,5                                                                              | 40,8      | 55,6      |
| 61           | 61         |               | 1 1/2-18 UNEF  | 42,0   | 18        | 47,8      | 28,0      | 36,6      | 48,3                                                                              | 27,0      | 36,6      |

TABLE 2

| ENTRY SIZE | ØK MAX | ØZ REF | ØY REF | H<br>±0,5 | M<br>±0,5 | J<br>±0,5 | THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE |           |           |
|------------|--------|--------|--------|-----------|-----------|-----------|-----------------------------------------------------------------------------------|-----------|-----------|
|            |        |        |        |           |           |           | H<br>±0,5                                                                         | M<br>±0,5 | J<br>±0,5 |
| 03         | NA     | 4,77   | 13,1   | NA        | NA        | NA        | NA                                                                                | NA        | NA        |
| 04         | NA     | 6,35   | 13,1   | NA        | NA        | NA        | NA                                                                                | NA        | NA        |
| 05         | 21,0   | 7,92   | 13,1   | 24,0      | 15,5      | 25,7      | 24,3                                                                              | 17,2      | 25,7      |
| 06         | 21,0   | 9,52   | 17,9   | 24,0      | 15,5      | 25,7      | 24,3                                                                              | 17,2      | 25,7      |
| 07         | 21,0   | 11,12  | 17,9   | 24,0      | 15,5      | 25,7      | 24,3                                                                              | 17,2      | 25,7      |
| 08         | 24,5   | 12,70  | 17,9   | 27,0      | 17,0      | 27,2      | 28,3                                                                              | 19,4      | 27,2      |
| 09         | 24,5   | 14,27  | 17,9   | 27,0      | 17,0      | 27,2      | 28,3                                                                              | 19,4      | 27,2      |
| 10         | 29,0   | 15,87  | 24,2   | 31,0      | 19,5      | 28,7      | 31,1                                                                              | 21,0      | 28,7      |
| 11         | 32,5   | 17,47  | 24,2   | 34,0      | 21,0      | 30,4      | 34,2                                                                              | 22,8      | 30,4      |
| 12         | 32,5   | 19,05  | 24,2   | 34,0      | 21,0      | 30,4      | 34,2                                                                              | 22,8      | 30,4      |
| 13         | 35,5   | 20,62  | 24,2   | 35,0      | 20,0      | 32,1      | 38,5                                                                              | 25,3      | 32,1      |
| 14         | 35,5   | 22,23  | 30,6   | 35,0      | 20,0      | 32,1      | 38,5                                                                              | 25,3      | 32,1      |
| 15         | 37,0   | 23,82  | 30,6   | 38,0      | 21,5      | 33,7      | 40,7                                                                              | 26,1      | 33,7      |
| 16         | 37,0   | 25,40  | 30,6   | 38,0      | 21,5      | 33,7      | 40,7                                                                              | 26,1      | 33,7      |
| 17         | 40,0   | 26,98  | 33,2   | 42,0      | 24,0      | 35,2      | 43,7                                                                              | 27,6      | 35,2      |
| 18         | 40,0   | 28,60  | 33,2   | 42,0      | 24,0      | 35,2      | 43,7                                                                              | 27,6      | 35,2      |
| 20         | 43,5   | 31,80  | 42,0   | 45,0      | 25,5      | 36,7      | 46,4                                                                              | 29,1      | 36,7      |
| 21         | 48,5   | 33,34  | 42,0   | 54,5      | 31,0      | 39,8      | 50,0                                                                              | 31,0      | 39,8      |
| 22         | 48,5   | 35,00  | 42,0   | 54,5      | 31,0      | 39,8      | 50,0                                                                              | 31,0      | 39,8      |
| 24         | 52,1   | 38,10  | 42,0   | 58,0      | 33,0      | 43,8      | 53,5                                                                              | 33,0      | 43,8      |
| 28         | 58,5   | 44,45  | 49,0   | 65,5      | 36,5      | 48,9      | 60,3                                                                              | 36,5      | 48,9      |

|                                                    |                           |                    |                                                                                     |                                                                                                                             |
|----------------------------------------------------|---------------------------|--------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| DRAWN                                              | K.WINCZURA                | DATE<br>13/02/2015 |  | 3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE                                                                                  |
| CHECKED                                            |                           | 13/02/2015         |                                                                                     |                                                                                                                             |
| APPROVED                                           | K.SHEPPARD                | 24/02/2015         |  | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br><br><b>GENERAL TOL</b><br>LINEAR +/-0.25MM<br>ANGULAR +/- 1° |
| APPROVED                                           | H.SMITH                   | 01/10/2015         |                                                                                     |                                                                                                                             |
| REVISIONS                                          |                           |                    |                                                                                     |                                                                                                                             |
| LTR                                                | DESCRIPTION               |                    | DATE                                                                                | APPROVED                                                                                                                    |
| R                                                  | REVISED PER ECO-15-003651 |                    | 10/03/2015                                                                          | I.MYONG                                                                                                                     |
| S                                                  | REVISED PER ECO-15-013980 |                    | 01/10/2015                                                                          | H.SMITH                                                                                                                     |
| TE CAGE CODE: 06090<br>POLAMCO/TE CAGE CODE: U5792 |                           |                    |                                                                                     |                                                                                                                             |

TITLE:

BRAID TAIL BACKSHELL

ASSY USED ON:

MIL-DTL-26482 SERIES II / MIL-DTL-83723 SERIES I &amp; III

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:  
203M2XXDRAWING REV:  
SSHT  
3