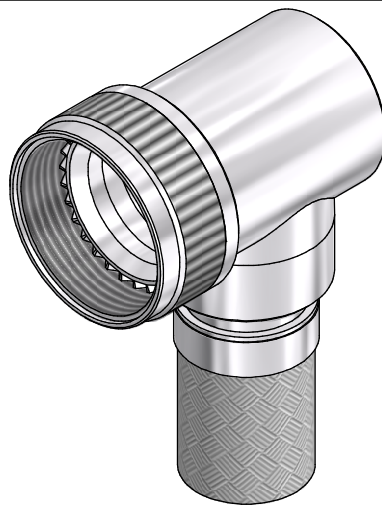




## CODE 54 - BRAID TAIL BACKSHELL

**203M216-19B08-L**

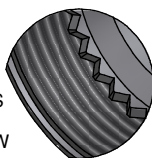
SERIES \_\_\_\_\_  
 ORDER NUMBER (TABLE 1) \_\_\_\_\_  
 MATERIAL \_\_\_\_\_  
     REFER TO CH00-0250-004  
 FINISH \_\_\_\_\_  
     REFER TO CH00-0250-004  
 ENTRY SIZE (TABLE 2) \_\_\_\_\_  
 MODIFICATION CODE \_\_\_\_\_  
     REFER TO CH00-0250-004 ②

### NOTES:

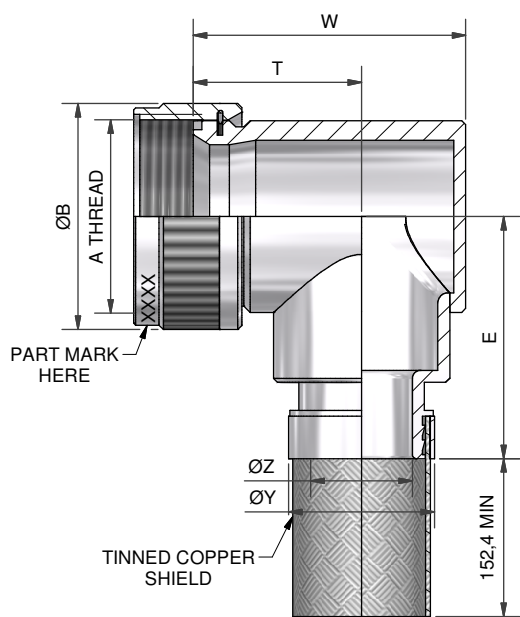
1. THIS PRODUCT IS DESIGNED TO TERMINATE A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- ② FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-004
3. BACKSHELL TO BE PERMANENTLY MARKED/BAGGED AND LABELLED WITH CODE IDENTIFICATION NUMBER AND PART NUMBER. (e.g. 06090-203M216-19B08).
- 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.

|                                                    |                           |            |                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                    |  |  |                                                                                                  |                   |          |
|----------------------------------------------------|---------------------------|------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--------------------------------------------------------------------------------------------------|-------------------|----------|
| DRAWN                                              | K.WINCZURA                | DATE       | 13/02/2015                                                                                                              | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE | TITLE:<br><br>BRAID TAIL BACKSHELL                                                                                                                                                                                 |  |  | <br>Polamco |                   |          |
| CHECKED                                            |                           | 13/02/2015 |                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                    |  |  |                                                                                                  |                   |          |
| APPROVED                                           | K.SHEPPARD                | 24/02/2015 | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br><b>GENERAL TOL</b><br>LINEAR +/-0.25MM<br>ANGULAR +/- 1° |                                                                                                                                   | ASSY USED ON:                                                                                                                                                                                                      |  |  |                                                                                                  |                   |          |
| APPROVED                                           | H.SMITH                   | 01/10/2015 |                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                    |  |  |                                                                                                  |                   |          |
| REVISIONS                                          |                           |            |                                                                                                                         |                                                                                                                                   | MIL-DTL-26482 SERIES II / MIL-DTL-83723 SERIES I & III                                                                                                                                                             |  |  |             |                   |          |
| 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 |                           |            |                                                                                                                         |                                                                                                                                   | 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 |

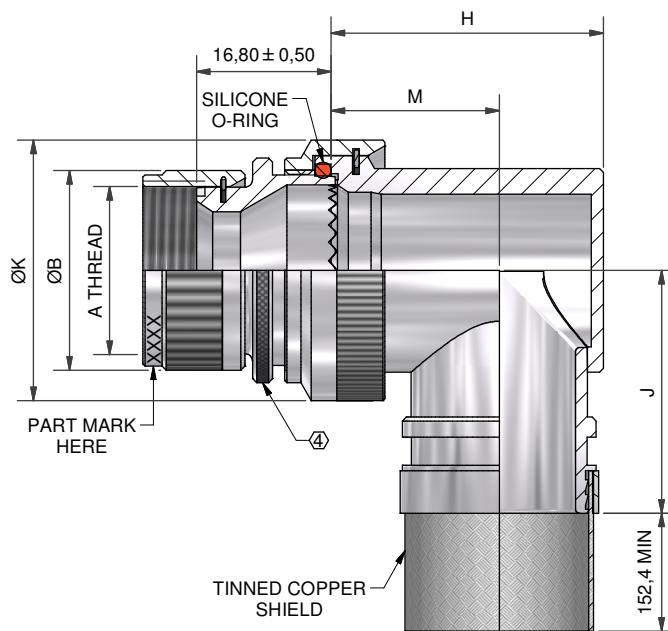
STAINLESS  
STEEL  
TEETH VIEW



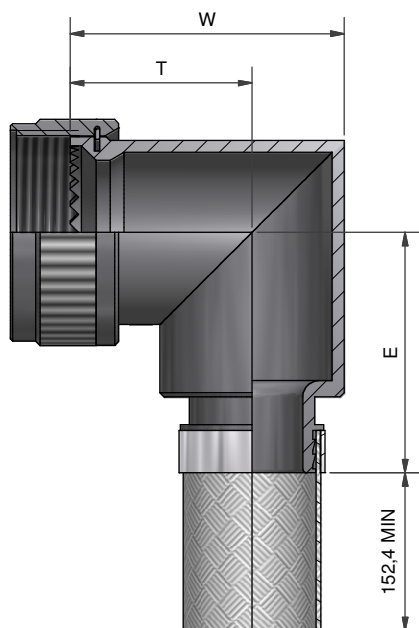
IF MAX ENTRY IS EXCEEDED BACKSHELL  
WILL BE SUPPLIED AS TYPE 2



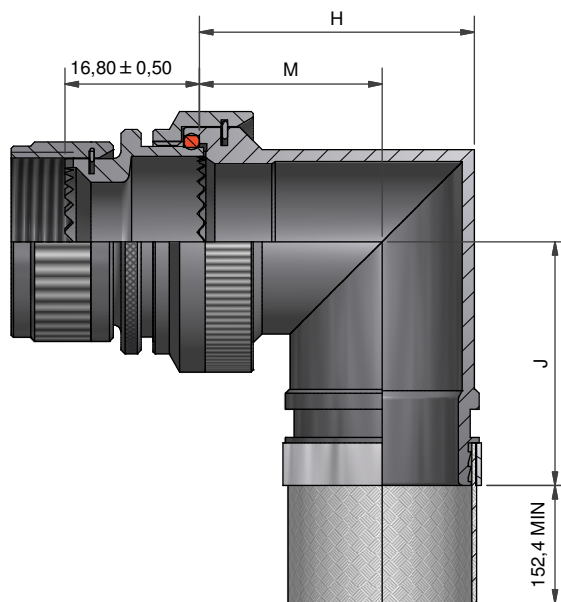
90° BACKSHELL - TYPE 1



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<br>NUMBER | SHELL SIZE |               | A THREAD       | ØB<br>MAX | MAX<br>ENTRY | W<br>±0,5 | T<br>±0,5 | E<br>±0,5 | THESE DIMENSIONS APPLY IF<br>BACKSHELL IS STAINLESS STEEL<br>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<br>SIZE | ØK<br>MAX | ØZ<br>REF | ØY<br>REF | H<br>±0,5 | M<br>±0,5 | J<br>±0,5 | THESE DIMENSIONS APPLY IF<br>BACKSHELL IS STAINLESS STEEL<br>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 | 13/02/2015 |  | 3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE                                                                                  |
| CHECKED                     |                           | DATE | 13/02/2015 |                                                                                     |                                                                                                                             |
| APPROVED                    | K.SHEPPARD                | DATE | 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                   | 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                                                                             |                                                                                                                             |
| TE CAGE CODE: 06090         |                           |      |            |                                                                                     |                                                                                                                             |
| POLAMCO/TE CAGE CODE: U5792 |                           |      |            |                                                                                     |                                                                                                                             |

|                                                                                                                                                                                                                    |  |                        |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--------------|
| 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:<br>203M2XX | DRAWING<br>S |



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