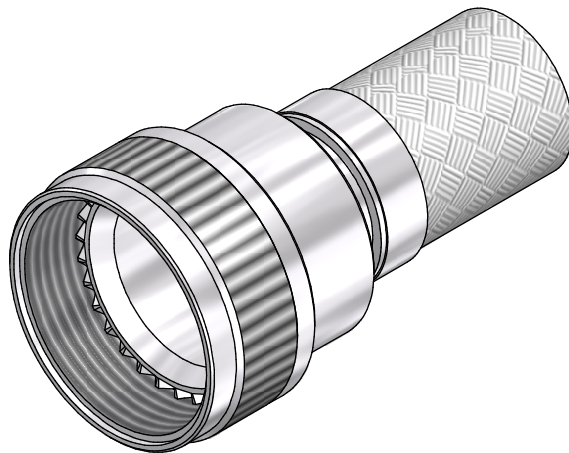




## CODE 54 - BRAID TAIL BACKSHELL

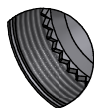
**203M016-19B08-L**

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

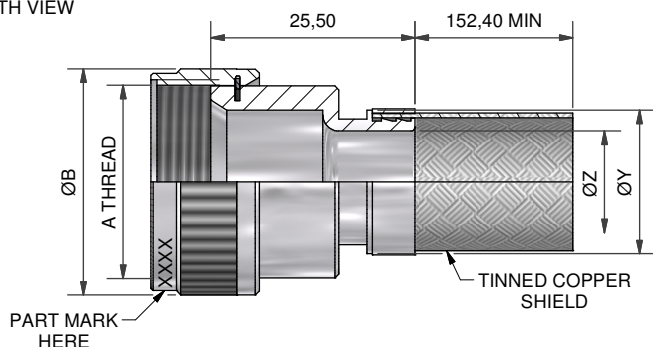
### NOTES:

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. 06090-203M016-19B08).
- 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 | 19/01/2015 | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE | TITLE:<br><br>BRAID TAIL BACKSHELL (CODE 54)                                                                                                                                                                             |  |                                                                                       |              |
| CHECKED                                            |                           | DATE | 19/01/2015 |                                                                                                                                   |                                                                                                                                                                                                                          |                                                                                       |                                                                                       |              |
| APPROVED                                           | K.SHEPPARD                | DATE | 29/01/2015 |                                                                                                                                   | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br><b>GENERAL TOL</b><br>LINEAR +/-0.25MM<br>ANGULAR +/- 1°                                                                                                  | ASSY USED ON:<br><br>MIL-DTL-26482 SERIES II / MIL-DTL-83723 SERIES I & III           |  |              |
| APPROVED                                           | H.SMITH                   | DATE | 01/10/2015 |                                                                                                                                   |                                                                                                                                                                                                                          |                                                                                       |                                                                                       |              |
| REVISIONS                                          |                           |      |            |                                                                                                                                   | 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><br>203M0XX                                                            | DRAWING REV:<br><br>S                                                                 | SHT<br><br>1 |
| LTR                                                | DESCRIPTION               |      | DATE       | APPROVED                                                                                                                          |                                                                                                                                                                                                                          |                                                                                       |                                                                                       |              |
| R                                                  | REVISED PER ECO-15-002225 |      | 19/02/2015 | H.SMITH                                                                                                                           |                                                                                                                                                                                                                          |                                                                                       |                                                                                       |              |
| S                                                  | REVISED PER ECO-15-013980 |      | 01/10/2015 | H.SMITH                                                                                                                           |                                                                                                                                                                                                                          |                                                                                       |                                                                                       |              |
| TE CAGE CODE: 06090<br>POLAMCO/TE CAGE CODE: U5792 |                           |      |            |                                                                                                                                   |                                                                                                                                                                                                                          |                                                                                       |                                                                                       |              |

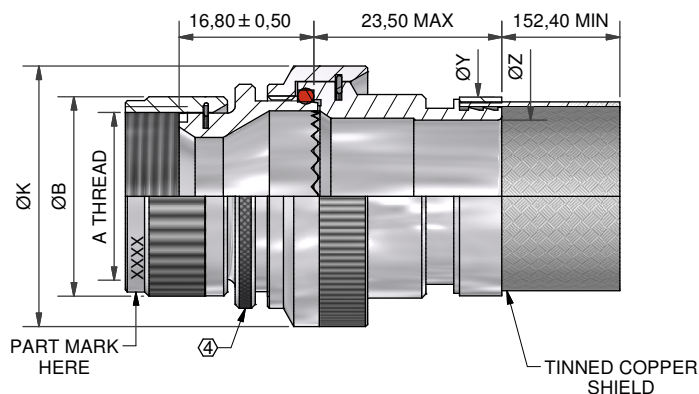


STAINLESS  
STEEL  
TEETH VIEW



STRAIGHT BACKSHELL - TYPE 1

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



STRAIGHT BACKSHELL - TYPE 2

TABLE 1

| ORDER<br>NUMBER | SHELL SIZE |               | A THREAD       | ØB<br>MAX | MAX<br>ENTRY |
|-----------------|------------|---------------|----------------|-----------|--------------|
|                 | ⑥          | ⑦             |                |           |              |
| 03              | 3          |               | 9/16-24 UNEF   | 17,0      | 04           |
| 08              |            | 8 & 8S        | 1/2-20 UNF     | 15,6      | 04           |
| 10              | 10         | 10, 10S, 10SL | 5/8-24 UNEF    | 18,6      | 06           |
| 12              | 7          | 12 & 12S      | 3/4-20 UNEF    | 21,7      | 08           |
| 14              | 12         | 14 & 14S      | 7/8-20 UNEF    | 24,9      | 09           |
| 16              | 19         | 16 & 16S      | 1-20 UNEF      | 28,2      | 11           |
| 18              | 27         | 18            | 1 1/16-18 UNEF | 30,9      | 12           |
| 20              | 37         | 20            | 1 3/16-18 UNEF | 34,1      | 14           |
| 22              |            | 22            | 1 5/16-18 UNEF | 37,3      | 16           |
| 24              |            | 24            | 1 7/16-18 UNEF | 40,4      | 18           |
| 28              |            | 28            | 1 3/4-18UNS    | 50,0      | 22           |
| 32              |            | 32            | 2-18 UNS       | 56,3      | 24           |
| 36              |            | 36            | 2 1/4-16 UN    | 62,7      | 28           |
| 40              |            | 40            | 2 1/2-16 UN    | 69,0      | 28           |
| 44              |            | 44            | 2 3/4-16 UN    | 75,4      | 28           |
| 48              |            | 48            | 3-16UN         | 81,7      | 28           |
| 61              | 61         |               | 1 1/2-18 UNEF  | 42,0      | 18           |

TABLE 2

| ENTRY<br>SIZE | ØK<br>MAX | ØZ<br>REF | ØY<br>REF |
|---------------|-----------|-----------|-----------|
| 03            | NA        | 4,77      | 13,1      |
| 04            | NA        | 6,35      | 13,1      |
| 05            | 21,0      | 7,92      | 13,1      |
| 06            | 21,0      | 9,52      | 17,9      |
| 07            | 21,0      | 11,12     | 17,9      |
| 08            | 24,5      | 12,70     | 17,9      |
| 09            | 24,5      | 14,27     | 17,9      |
| 10            | 29,0      | 15,87     | 24,2      |
| 11            | 29,0      | 17,47     | 24,2      |
| 12            | 32,5      | 19,05     | 24,2      |
| 13            | 35,5      | 20,62     | 24,2      |
| 14            | 35,5      | 22,23     | 30,6      |
| 15            | 37,0      | 23,82     | 30,6      |
| 16            | 37,0      | 25,40     | 30,6      |
| 17            | 40,0      | 26,98     | 33,2      |
| 18            | 40,0      | 28,60     | 33,2      |
| 20            | 43,5      | 31,80     | 42,0      |
| 21            | 48,5      | 33,34     | 42,0      |
| 22            | 48,5      | 35,00     | 42,0      |
| 24            | 52,1      | 38,10     | 42,0      |
| 28            | 58,5      | 44,45     | 49,0      |

|                                                    |                           |                    |                                                                                                                                   |
|----------------------------------------------------|---------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| DRAWN                                              | K.WINCZURA                | DATE<br>19/01/2015 | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE |
| CHECKED                                            |                           | 19/01/2015         |                                                                                                                                   |
| APPROVED                                           | K.SHEPPARD                | 29/01/2015         |                                                                                                                                   |
| APPROVED                                           | H.SMITH                   | 01/10/2015         |                                                                                                                                   |
|                                                    |                           |                    | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br><b>GENERAL TOL</b><br>LINEAR +/-0,25MM<br>ANGULAR +/- 1°           |
| REVISIONS                                          |                           |                    |                                                                                                                                   |
| LTR                                                | DESCRIPTION               | DATE               | APPROVED                                                                                                                          |
| R                                                  | REVISED PER ECO-15-002225 | 19/02/2015         | H.SMITH                                                                                                                           |
| 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 (CODE 54)                         |              |     |
| 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:                                            | DRAWING REV: | SHT |
|                                                                                                                                                                                                                    |  | 203M0XX                                                | S            | 2   |

