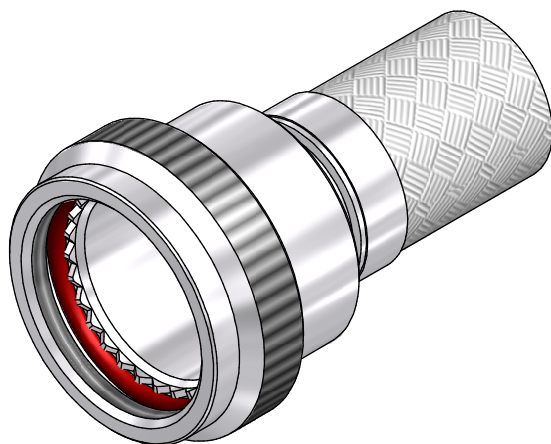




## CODE 41 - BRAID TAIL BACKSHELL

**204M016-19B08**

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. 06090-204M012-19B08).
- 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-DTL-38999 SERIES I & II, CLASS E & T, MS27466, MS27467, MS27468, MS27472, MS27473, MS27474, MS27479, MS27480, MS27481, MS27484, MS27497, MS27652, MS27653, MS27654, MS27656 CONNECTORS.

|                                                                                                                                                                                                                          |                           |                    |                                                                                                                                   |                                                                                                             |                                                  |                                                                                                  |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------|----------|
| DRAWN                                                                                                                                                                                                                    | K.WINCZURA                | DATE<br>17/04/2015 | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE | TITLE:<br><br>BRAID TAIL BACKSHELL                                                                          | ASSY USED ON:<br><br>MIL-DTL-38999 SERIES I & II | <br>Polamco |          |
| CHECKED                                                                                                                                                                                                                  |                           | 17/04/2015         |                                                                                                                                   |                                                                                                             |                                                  |                                                                                                  |          |
| APPROVED                                                                                                                                                                                                                 | K.SHEPPARD                | 27/04/2015         |                                                                                                                                   |                                                                                                             |                                                  |                                                                                                  |          |
| APPROVED                                                                                                                                                                                                                 | H.SMITH                   | 01/09/2015         |                                                                                                                                   |                                                                                                             |                                                  |                                                                                                  |          |
| UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br>GENERAL TOL<br>LINEAR +/-0,25MM<br>ANGULAR +/- 1°                                                                                                         |                           |                    |                                                                                                                                   |                                                                                                             |                                                  |                                                                                                  |          |
| REVISIONS                                                                                                                                                                                                                |                           |                    |                                                                                                                                   | <br>TE<br>connectivity |                                                  |                                                                                                  |          |
| LTR                                                                                                                                                                                                                      | DESCRIPTION               |                    | DATE                                                                                                                              |                                                                                                             |                                                  |                                                                                                  | APPROVED |
| M                                                                                                                                                                                                                        | REVISED PER ECN AD930     |                    |                                                                                                                                   |                                                                                                             |                                                  |                                                                                                  |          |
| N                                                                                                                                                                                                                        | REVISED PER ECO-15-012000 |                    | 01/09/2015                                                                                                                        |                                                                                                             |                                                  |                                                                                                  | H.SMITH  |
| TE CAGE CODE: 06090<br>POLAMCO/TE CAGE CODE: U5792                                                                                                                                                                       |                           |                    |                                                                                                                                   |                                                                                                             |                                                  |                                                                                                  |          |
| TE CONNECTIVITY - POLAMCO LTD RESERVES THE RIGHT TO AMEND THIS DRAWING<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>204M0XX                                                                                      | DRAWING REV:<br>N                                | SHT<br>1                                                                                         |          |

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

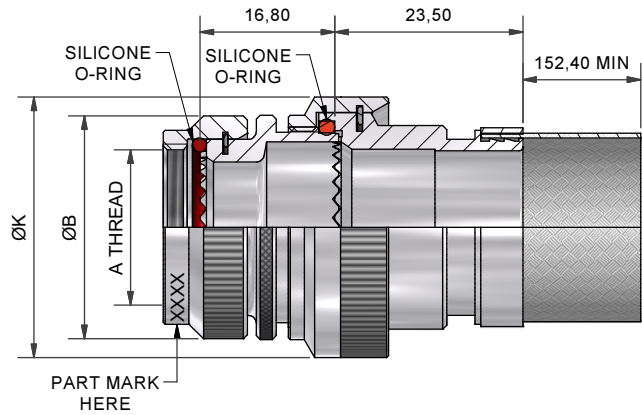
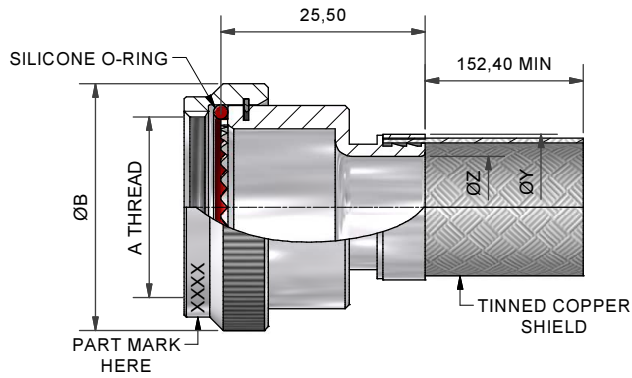


TABLE 1

| ORDER<br>NUMBER | SHELL SIZE<br>SER 1 / SER 2 | A<br>THREAD   | ØB<br>MAX | MAX<br>ENTRY |
|-----------------|-----------------------------|---------------|-----------|--------------|
| 08              | 09 / 08                     | 7/16-28UNEF   | 18,3      | 04           |
| 10              | 11 / 10                     | 9/16-24UNEF   | 21,5      | 06           |
| 12              | 13 / 12                     | 11/16-24UNEF  | 24,5      | 08           |
| 14              | 15 / 14                     | 13/16-20UNEF  | 27,8      | 10           |
| 16              | 17 / 16                     | 15/16-20UNEF  | 30,8      | 12           |
| 18              | 19 / 18                     | 1 1/16-18UNEF | 34,1      | 13           |
| 20              | 21 / 20                     | 1 3/16-18UNEF | 37,3      | 15           |
| 22              | 23 / 22                     | 1 5/16-18UNEF | 40,5      | 17           |
| 24              | 25 / 24                     | 1 7/16-18UNEF | 43,7      | 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            | 32,5      | 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>17/04/2015 | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE |          |
| CHECKED   |                           | 17/04/2015         |                                                                                                                                   |          |
| APPROVED  | K.SHEPPARD                | 27/04/2015         |                                                                                                                                   |          |
| APPROVED  | H.SMITH                   | 01/09/2015         |                                                                                                                                   |          |
|           |                           |                    | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br>GENERAL TOL<br>LINEAR +/- 0.25MM<br>ANGULAR +/- 1°                 |          |
| REVISIONS |                           |                    |                                                                                                                                   |          |
| LTR       | DESCRIPTION               |                    | DATE                                                                                                                              | APPROVED |
| M         | REVISED PER ECN AD930     |                    |                                                                                                                                   |          |
| N         | REVISED PER ECO-15-012000 |                    | 01/09/2015                                                                                                                        | H.SMITH  |

TITLE:

BRAID TAIL BACKSHELL

ASSY USED ON:

MIL-DTL-38999 SERIES I & II

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DRAWING NO:  
**204M0XX**

DRAWING REV:  
**N**

SHT  
**2**

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

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