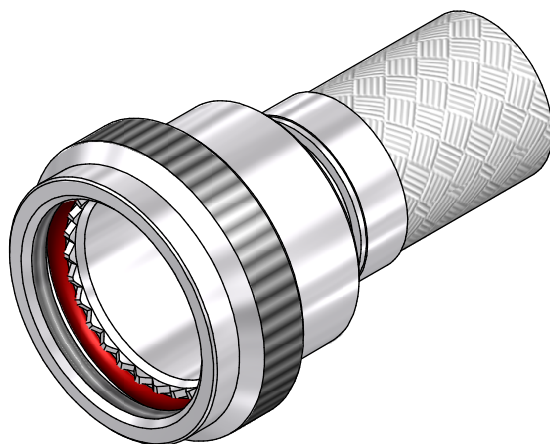




## CODE 41 - BRAID TAIL BACKSHELL

**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 |  3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE | TITLE:<br><br>BRAID TAIL BACKSHELL                                                                                                                                                                                       |          |  |  | <br>Polamco<br> |  |                   |  |          |
| CHECKED                                            |                           | 17/04/2015         |                                                                                                                                |                                                                                                                                                                                                                          |          |  |  |                                                                                                                                                                                           |  |                   |  |          |
| APPROVED                                           | K.SHEPPARD                | 27/04/2015         |                                                                                                                                | ASSY USED ON:<br><br>MIL-DTL-38999 SERIES I & II                                                                                                                                                                         |          |  |  |                                                                                                                                                                                           |  |                   |  |          |
| APPROVED                                           | H.SMITH                   | 01/09/2015         |                                                                                                                                |                                                                                                                                                                                                                          |          |  |  |                                                                                                                                                                                           |  |                   |  |          |
| REVISIONS                                          |                           |                    | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br>GENERAL TOL<br>LINEAR +/-0.25MM<br>ANGULAR +/- 1°               |                                                                                                                                                                                                                          |          |  |  |                                                                                                                                                                                           |  |                   |  |          |
| LTR                                                | DESCRIPTION               |                    |                                                                                                                                | DATE                                                                                                                                                                                                                     | APPROVED |  |  |                                                                                                                                                                                           |  |                   |  |          |
| 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

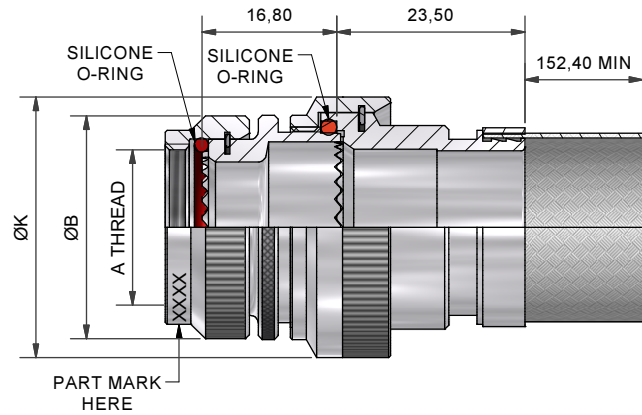
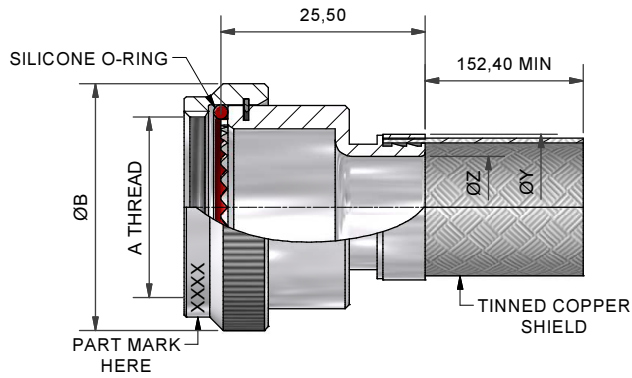


TABLE 1

| ORDER NUMBER | SHELL SIZE SER 1 / SER 2 | A THREAD      | ØB MAX | MAX 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 SIZE | ØK MAX | ØZ REF | ØY 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 |  | 3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE                                                                       |
| CHECKED                                            |                           | 17/04/2015         |                                                                                     |                                                                                                                  |
| APPROVED                                           | K.SHEPPARD                | 27/04/2015         |  | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br>GENERAL TOL<br>LINEAR +/-0,25MM<br>ANGULAR +/- 1° |
| APPROVED                                           | H.SMITH                   | 01/09/2015         |                                                                                     |                                                                                                                  |
| REVISIONS                                          |                           |                    |                                                                                     |                                                                                                                  |
| 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 |                           |                    |                                                                                     |                                                                                                                  |

|                                                                                                                                                                                                                    |  |                        |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--------------|
| TITLE:                                                                                                                                                                                                             |  |                        |              |
| BRAID TAIL BACKSHELL                                                                                                                                                                                               |  |                        |              |
| ASSY USED ON:                                                                                                                                                                                                      |  |                        |              |
| MIL-DTL-38999 SERIES I & II                                                                                                                                                                                        |  |                        |              |
| 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>204M0XX | DRAWING<br>N |

