



## CODE 40 - BRAID TAIL BACKSHELL

**208M716-19B08**

SERIES \_\_\_\_\_  
 ORDER NUMBER (TABLE 1) \_\_\_\_\_  
 MATERIAL \_\_\_\_\_  
 REFER TO CH00-0250-004  
 FINISH \_\_\_\_\_  
 REFER TO CH00-0250-004 (2)  
 ENTRY SIZE (TABLE 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. 06090-208M712-19B08).
- 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 III AND IV, CLASS C, F, K, AND W, D38999/20, /24, /26, /40, /46 AND /47 CONNECTORS, AND WHEN SO MATED SHALL PROVIDE A WATER-TIGHT SEAL MEETING THE REQUIREMENTS OF MIL-C-85049, PARA. 3. 5. 7.

|  |                           |             |                 |  |  |  |   |                        |
|--|---------------------------|-------------|-----------------|--|--|--|---|------------------------|
| <b>DRAWN</b>                                       | K.WINCZURA                | DATE        | 18/02/2015      |  3RD ANGLE PROJECTION<br>NOT TO SCALE | <b>TITLE:</b><br><br><b>BRAID TAIL BACKSHELL</b>   | <br><b>Polamco</b><br> |   |                        |
| <b>CHECKED</b>                                     |                           | DATE        | 18/02/2015      |  |  |  |   |                        |
| <b>APPROVED</b>                                    | K.SHEPPARD                | DATE        | 24/02/2015      |  |  |  | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br><b>GENERAL TOL</b><br>LINEAR +/-0.25MM<br>ANGULAR +/- 1° |                        |
| <b>APPROVED</b>                                    | H.SMITH                   | DATE        | 05/10/2015      |  |  |  |   |                        |
| <b>REVISIONS</b>                                   |                           |             |                 |  |  | <b>ASSY USED ON:</b><br><br><b>MIL-DTL-38999 SERIES III &amp; IV</b>   |   |                        |
| <b>LTR</b>   | <b>DESCRIPTION</b>        | <b>DATE</b> | <b>APPROVED</b> |  |  |  |   |                        |
| <b>R</b>   | REVISED PER ECO-15-013980 | 05.10.15    | H.SMITH         |  |  |  |   |                        |
| <b>S</b>   | REVISED PER ECO-17-009011 | 21.06.17    | D.JONES         |  |  |  |   |                        |
| 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. | <b>DRAWING NO:</b><br><b>208M7XX</b>   | <b>DRAWING REV:</b><br><b>S</b>   | <b>SHT</b><br><b>1</b> |



TABLE 1

| ORDER NUMBER | SHELL SIZE COML / MIL | A THREAD | ØB MAX | MAX ENTRY ④ |
|--------------|-----------------------|----------|--------|-------------|
| 08           | 9 / A                 | M12x1.0  | 18,0   | 04          |
| 10           | 11 / B                | M15x1.0  | 21,0   | 07          |
| 12           | 13 / C                | M18x1.0  | 24,5   | 09          |
| 14           | 15 / D                | M22x1.0  | 29,0   | 10          |
| 16           | 17 / E                | M25x1.0  | 32,5   | 12          |
| 18           | 19 / F                | M28x1.0  | 35,5   | 14          |
| 20           | 21 / G                | M31x1.0  | 37,0   | 16          |
| 22           | 23 / H                | M34x1.0  | 40,0   | 18          |
| 24           | 25 / J                | M37x1.0  | 43,5   | 20          |

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 | 18/02/2015 |
|----------|------------|------|------------|
| CHECKED  |            | DATE | 18/02/2015 |
| APPROVED | K.SHEPPARD | DATE | 24/02/2015 |
| APPROVED | H.SMITH    | DATE | 05/10/2015 |

3RD ANGLE PROJECTION NOT TO SCALE

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES

GENERAL TOL  
LINEAR +/-0,25MM  
ANGULAR +/- 1°

| REVISIONS |                           |          |          |
|-----------|---------------------------|----------|----------|
| LTR       | DESCRIPTION               | DATE     | APPROVED |
| R         | REVISED PER ECO-15-013980 | 05.10.15 | H.SMITH  |
| S         | REVISED PER ECO-17-009011 | 21.06.17 | D.JONES  |

TITLE: BRAID TAIL BACKSHELL

ASSY USED ON: MIL-DTL-38999 SERIES III & IV



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

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DRAWING NO: 208M7XX

DRAWING REV: S

SHT 2

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