



## 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      | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>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      |   |  |  |                                 |                        |
| <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>  | 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> |
| <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 |                           |             |                 |   |  |  |                                 |                        |



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 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:  
208M7XX

DRAWING REV:  
S

SHT  
2

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

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