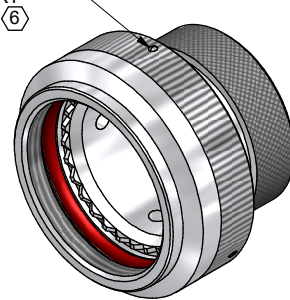


WHEN 'L' MODIFICATION IS SPECIFIED,  
COUPLING NUT SHALL HAVE 3 LOCK WIRE HOLES,  
120° APART



## CODE 40 - HEAT SHRINK BOOT BACKSHELL

209M412-19B-DL

SERIES \_\_\_\_\_  
ORDER NUMBER (TABLE 1) \_\_\_\_\_  
MATERIAL \_\_\_\_\_  
REFER TO CH00-0250-004  
FINISH \_\_\_\_\_  
REFER TO CH00-0250-004  
MODIFICATION CODE \_\_\_\_\_  
REFER TO CH00-0250-004

### 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. 06090-209M412-19B).
4. KNURL INSIDE BOOT GROOVE MAY BE SUPPLIED AT MANUFACTURER'S OPTION.
- ⑤ BACKSHELL MATES TO MIL-C-38999 SERIES III & IV, CLASS C, F, K AND W, D38999/20, /24, /26, /40, /46, /47 CONNECTORS AND WHEN SO MATED PROVIDE A WATER-TIGHT SEAL MEETING THE REQUIREMENTS OF MIL-C-85049, PAR. 3.5.7.
- ⑥ WHEN 'L' MODIFICATION IS SPECIFIED, COUPLING NUT SHALL HAVE 3 LOCK WIRE HOLES, 120° APART.
7. THIS IS A FUNCTIONAL EQUIVALENT OF MIL-C-85049/69
- ⑧ WHEN GROUNDING SCREW MODIFICATION IS ORDERED 18,50 MAX BECOMES 27,20 MAX AND 25,50 MAX BECOMES 34,20 MAX

|                                                    |                           |                    |                                                                                                                                   |                                                                                                                                                                                                                          |  |                                                                                                                                                                                                              |                          |                 |          |
|----------------------------------------------------|---------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------|----------|
| DRAWN                                              | W.RUST                    | DATE<br>11/09/2015 | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE | TITLE:<br><br>HEAT SHRINK BOOT BACKSHELL                                                                                                                                                                                 |  | <br>Polamco<br><br>TE connectivity |                          |                 |          |
| CHECKED                                            |                           | 11/09/2015         |                                                                                                                                   |                                                                                                                                                                                                                          |  |                                                                                                                                                                                                              |                          |                 |          |
| APPROVED                                           | K.SHEPPARD                | 11/09/2015         |                                                                                                                                   | ASSY USED ON:<br><br>MIL-DTL-39888 SERIES III & IV                                                                                                                                                                       |  |                                                                                                                                                                                                              |                          |                 |          |
| APPROVED                                           | H.SMITH                   | 15/10/2015         |                                                                                                                                   |                                                                                                                                                                                                                          |  |                                                                                                                                                                                                              |                          |                 |          |
| REVISIONS                                          |                           |                    | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br><b>GENERAL TOL</b><br>LINEAR +/-0.25MM<br>ANGULAR +/- 1°           | 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><b>209M4XX</b>                                                                                                                                                                                | DRAWING REV:<br><b>J</b> | SHT<br><b>1</b> |          |
| LTR                                                | DESCRIPTION               | DATE               |                                                                                                                                   |                                                                                                                                                                                                                          |  |                                                                                                                                                                                                              |                          |                 | APPROVED |
| H                                                  | REVISED PER ECO-15-002406 | 19/02/15           |                                                                                                                                   |                                                                                                                                                                                                                          |  |                                                                                                                                                                                                              |                          |                 | H.SMITH  |
| J                                                  | REVISED PER ECO-15-013980 | 15/10/2015         |                                                                                                                                   |                                                                                                                                                                                                                          |  |                                                                                                                                                                                                              |                          |                 | H.SMITH  |
| TE CAGE CODE: 06090<br>POLAMCO/TE CAGE CODE: U5792 |                           |                    |                                                                                                                                   |                                                                                                                                                                                                                          |  |                                                                                                                                                                                                              |                          |                 |          |

WHEN 'L' MODIFICATION IS SPECIFIED,  
COUPLING NUT SHALL HAVE 3 LOCK WIRE HOLES,  
120° APART

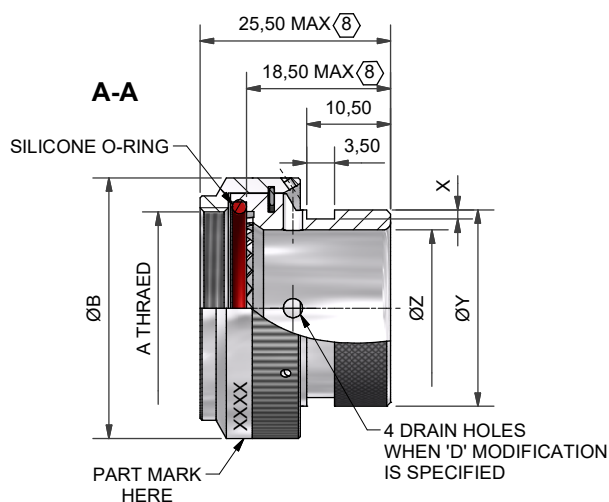
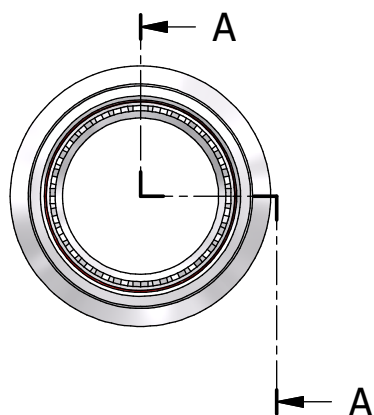
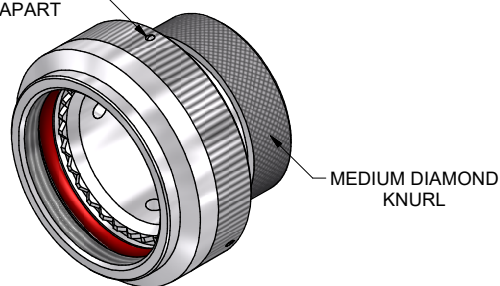


TABLE 1

| BASE<br>PART<br>NUMBER | ORDER.NO.<br>⑤ | SHELL SIZE<br>COM'L / MIL | A<br>THREAD | ØB<br>MAX | X<br>+0,20/-0,00 | ØY<br>MAX | ØZ<br>MIN |
|------------------------|----------------|---------------------------|-------------|-----------|------------------|-----------|-----------|
| 209M408                | 08             | 9 / A                     | M12 × 1.0   | 18,0      | 1,12             | 13,50     | 6,80      |
| 209M410                | 10             | 11 / B                    | M15 × 1.0   | 21,0      | 1,12             | 15,40     | 10,30     |
| 209M412                | 12             | 13 / C                    | M18 × 1.0   | 24,5      | 1,12             | 19,70     | 13,60     |
| 209M414                | 14             | 15 / D                    | M22 × 1.0   | 29,0      | 1,12             | 21,30     | 16,30     |
| 209M416                | 16             | 17 / E                    | M25 × 1.0   | 32,5      | 1,12             | 24,50     | 19,50     |
| 209M418                | 18             | 19 / F                    | M28 × 1.0   | 35,5      | 1,12             | 26,50     | 21,90     |
| 209M420                | 20             | 21 / G                    | M31 × 1.0   | 37,0      | 1,75             | 31,00     | 25,20     |
| 209M422                | 22             | 23 / H                    | M34 × 1.0   | 40,0      | 1,75             | 34,40     | 28,30     |
| 209M424                | 24             | 25 / J                    | M37 × 1.0   | 43,5      | 1,75             | 36,60     | 31,50     |

|                                                    |                           |                    |                                                                                                                                   |
|----------------------------------------------------|---------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| DRAWN                                              | W.RUST                    | DATE<br>11/09/2015 | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE |
| CHECKED                                            |                           | 11/09/2015         |                                                                                                                                   |
| APPROVED                                           | K.SHEPPARD                | 11/09/2015         |                                                                                                                                   |
| APPROVED                                           | H.SMITH                   | 15/10/2015         |                                                                                                                                   |
|                                                    |                           |                    | 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                                                                                                                          |
| H                                                  | REVISED PER ECO-15-002406 | 19/02/15           | H.SMITH                                                                                                                           |
| J                                                  | REVISED PER ECO-15-013980 | 15/10/2015         | H.SMITH                                                                                                                           |
| TE CAGE CODE: 06090<br>POLAMCO/TE CAGE CODE: U5792 |                           |                    |                                                                                                                                   |

|                                                                                                                                                                                                                    |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| TITLE:                                                                                                                                                                                                             |                        |
| HEAT SHRINK BOOT BACKSHELL                                                                                                                                                                                         |                        |
| ASSY USED ON:                                                                                                                                                                                                      |                        |
| MIL-DTL-39888 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:<br>209M4XX |
|                                                                                                                                                                                                                    | DRAWING NO:<br>J       |



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