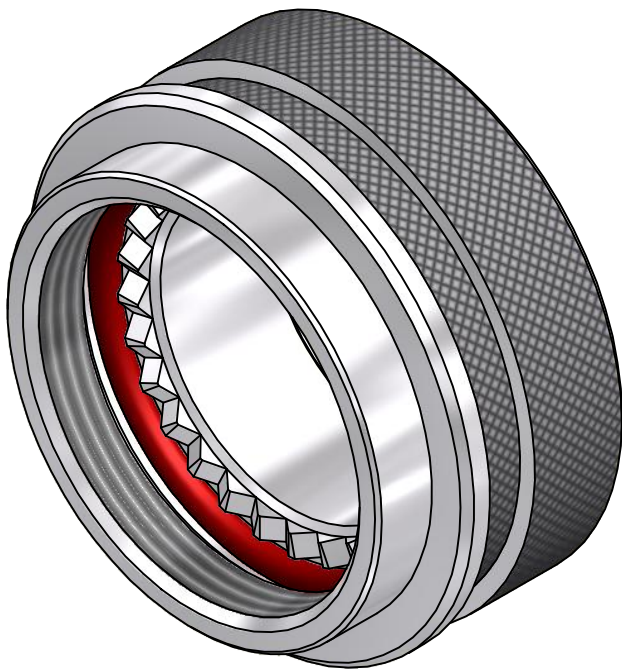




# CODE 40 - LOW PROFILE HEAT SHRINK BOOT BACKSHELL

209M312-19B

SERIES

ORDER NUMBER (TABLE 1)

MATERIAL

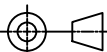
REFER TO CH00-0250-004

FINISH

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 PERMANETLY MARKED/BAGGED AND LABELLED WITH CODE IDENTIFICATION NUMBER AND PART NUMBER. (e.g. 06090-209M312-19B).
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 SHALL PROVIDE A WATER-TIGHT SEAL MEETING THE REQUIREMENTS OF MIL-C-85049, PAR. 3.5.7.

|                                                    |                           |                    |                                                                                                                                   |                                                                                                                                                                                                                          |  |  |                        |                   |                                                                                                                                                                                           |  |
|----------------------------------------------------|---------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| DRAWN                                              | W.RUST                    | DATE<br>14/09/2015 | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE | TITLE:<br><br>LOW PROFILE HEAT SHRINK BOOT BACKSHELL                                                                                                                                                                     |  |  |                        |                   | <br>Polamco<br> |  |
| CHECKED                                            |                           | 14/09/2015         |                                                                                                                                   |                                                                                                                                                                                                                          |  |  |                        |                   |                                                                                                                                                                                           |  |
| APPROVED                                           | K.SHEPPARD                | 09/10/2015         |                                                                                                                                   | ASSY USED ON:<br><br>MIL-DTL-38999 SERIES III & IV                                                                                                                                                                       |  |  |                        |                   |                                                                                                                                                                                           |  |
| APPROVED                                           | H.SMITH                   | 14/10/2015         |                                                                                                                                   |                                                                                                                                                                                                                          |  |  |                        |                   |                                                                                                                                                                                           |  |
|                                                    |                           |                    | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br>GENERAL TOL<br>LINEAR +/-0.25MM<br>ANGULAR +/- 1°                  |                                                                                                                                                                                                                          |  |  |                        |                   |                                                                                                                                                                                           |  |
| REVISIONS                                          |                           |                    |                                                                                                                                   |                                                                                                                                                                                                                          |  |  |                        |                   |                                                                                                                                                                                           |  |
| LTR                                                | DESCRIPTION               |                    | DATE                                                                                                                              | APPROVED                                                                                                                                                                                                                 |  |  |                        |                   |                                                                                                                                                                                           |  |
| F                                                  | REVISED PER ECO-15-003649 |                    | 03/06/15                                                                                                                          | I.MYONG                                                                                                                                                                                                                  |  |  |                        |                   |                                                                                                                                                                                           |  |
| G                                                  | REVISED PER ECO-15-013980 |                    | 14/10/2015                                                                                                                        | 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>209M3XX | DRAWING REV:<br>G | SHT<br>1                                                                                                                                                                                  |  |

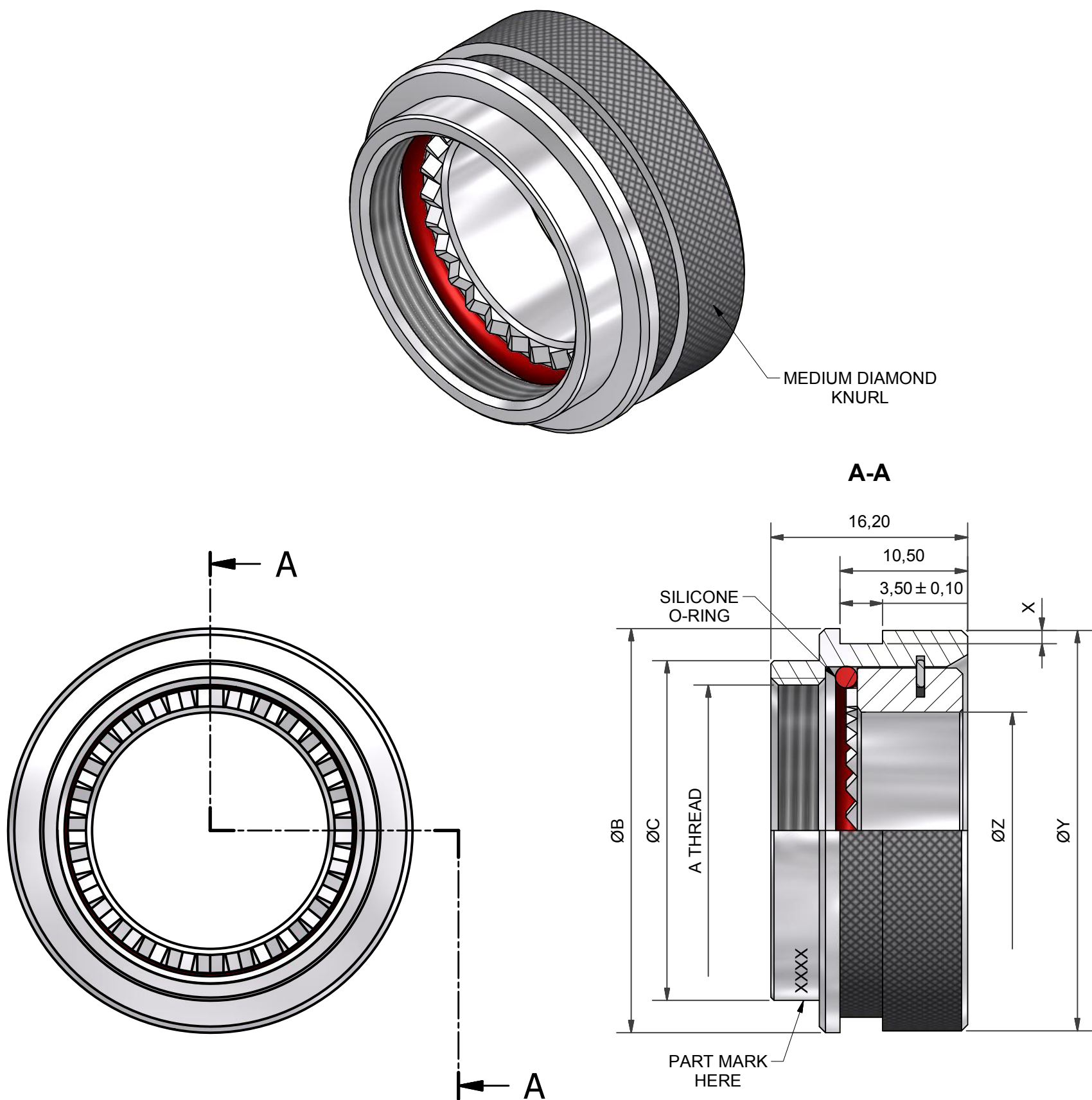
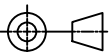


TABLE 1

| BASE PART NUMBER | SHELL SIZE COM'L / MIL<br>⑤ | A THREAD  | ØB MAX | ØC MAX | X MIN | ØY +0/-0,40 | ØZ ±0,15 |
|------------------|-----------------------------|-----------|--------|--------|-------|-------------|----------|
| 209M308          | 9 / A                       | M12 x 1.0 | 19,1   | 15,0   | 1,1   | 17,5        | 6,8      |
| 209M310          | 11 / B                      | M15 x 1.0 | 22,3   | 18,0   | 1,1   | 20,7        | 10,3     |
| 209M312          | 13 / C                      | M18 x 1.0 | 25,4   | 21,0   | 1,1   | 23,9        | 13,1     |
| 209M314          | 15 / D                      | M22 x 1.0 | 30,3   | 25,0   | 1,1   | 28,7        | 16,3     |
| 209M316          | 17 / E                      | M25 x 1.0 | 33,3   | 28,0   | 1,1   | 33,0        | 19,5     |
| 209M318          | 19 / F                      | M28 x 1.0 | 36,5   | 31,0   | 1,1   | 35,0        | 21,9     |
| 209M320          | 21 / G                      | M31 x 1.0 | 38,1   | 34,0   | 1,7   | 36,5        | 25,1     |
| 209M322          | 23 / H                      | M34 x 1.0 | 41,3   | 37,0   | 1,7   | 39,8        | 28,3     |
| 209M324          | 25 / J                      | M37 x 1.0 | 44,5   | 40,0   | 1,7   | 43,0        | 31,5     |

|                                                    |                           |            |                    |            |                                                                                                                  |                                                                                                                                                                                                                          |                                                      |  |  |  |                        |                                                                                                                                                                                                   |          |
|----------------------------------------------------|---------------------------|------------|--------------------|------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--|--|--|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| DRAWN                                              |                           | W.RUST     | DATE<br>14/09/2015 |            |                               | 3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE                                                                                                                                                                               | TITLE:<br><br>LOW PROFILE HEAT SHRINK BOOT BACKSHELL |  |  |  |                        | <br><br>Polamco<br><br> |          |
| CHECKED                                            |                           |            | 14/09/2015         |            |                                                                                                                  |                                                                                                                                                                                                                          |                                                      |  |  |  |                        |                                                                                                                                                                                                   |          |
| APPROVED                                           |                           | K.SHEPPARD | 09/10/2015         |            | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br>GENERAL TOL<br>LINEAR +/-0.25MM<br>ANGULAR +/- 1° |                                                                                                                                                                                                                          | ASSY USED ON:<br><br>MIL-DTL-38999 SERIES III & IV   |  |  |  |                        |                                                                                                                                                                                                   |          |
| APPROVED                                           |                           | H.SMITH    | 14/10/2015         |            |                                                                                                                  |                                                                                                                                                                                                                          |                                                      |  |  |  |                        |                                                                                                                                                                                                   |          |
| REVISIONS                                          |                           |            |                    |            |                                                                                                                  |                                                                                                                                                                                                                          |                                                      |  |  |  |                        |                                                                                                                                                                                                   |          |
| LTR                                                | DESCRIPTION               |            |                    | DATE       | APPROVED                                                                                                         |                                                                                                                                                                                                                          |                                                      |  |  |  |                        |                                                                                                                                                                                                   |          |
| F                                                  | REVISED PER ECO-15-003649 |            |                    | 03/06/15   | I.MYONG                                                                                                          |                                                                                                                                                                                                                          |                                                      |  |  |  |                        |                                                                                                                                                                                                   |          |
| G                                                  | REVISED PER ECO-15-013980 |            |                    | 14/10/2015 | 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>209M3XX | DRAWING REV:<br>G                                                                                                                                                                                 | SHT<br>2 |