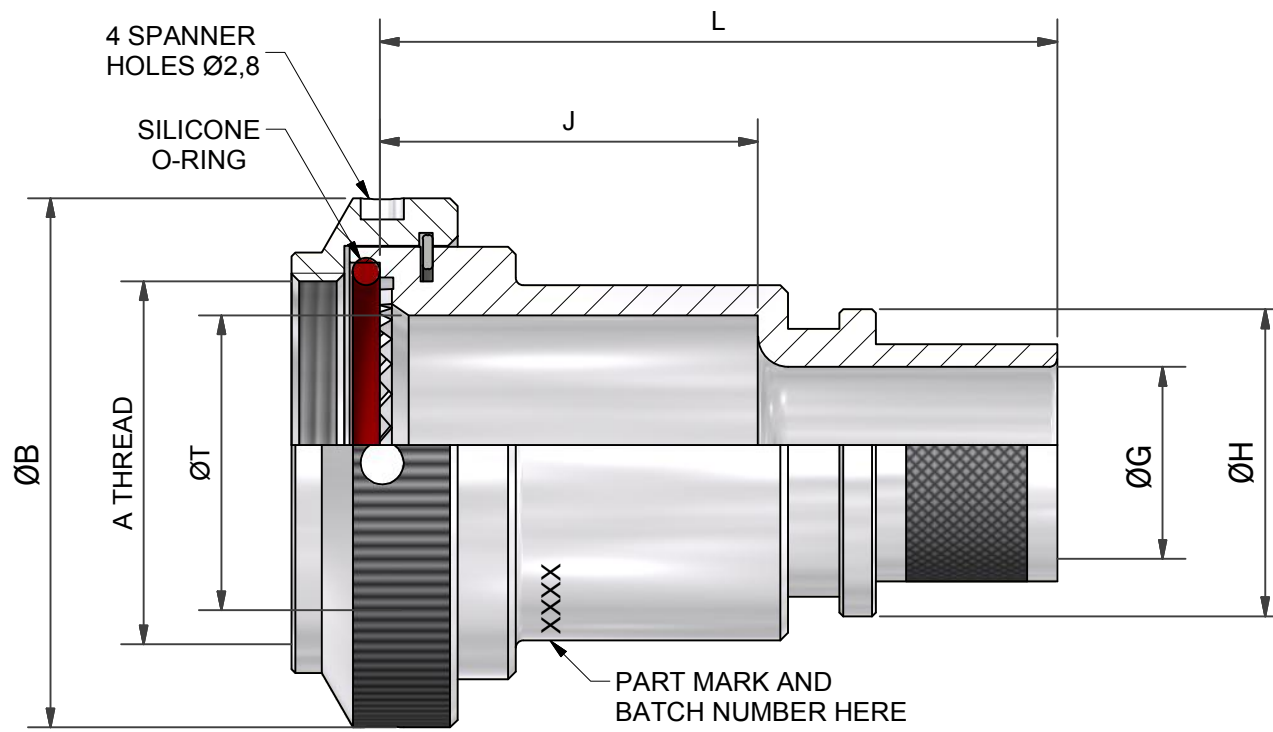
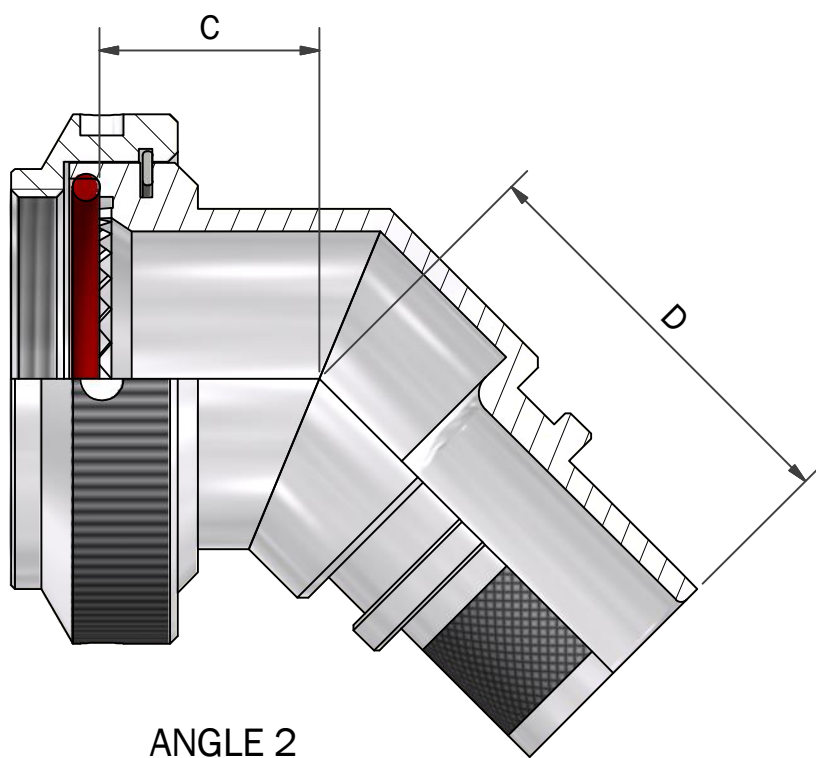
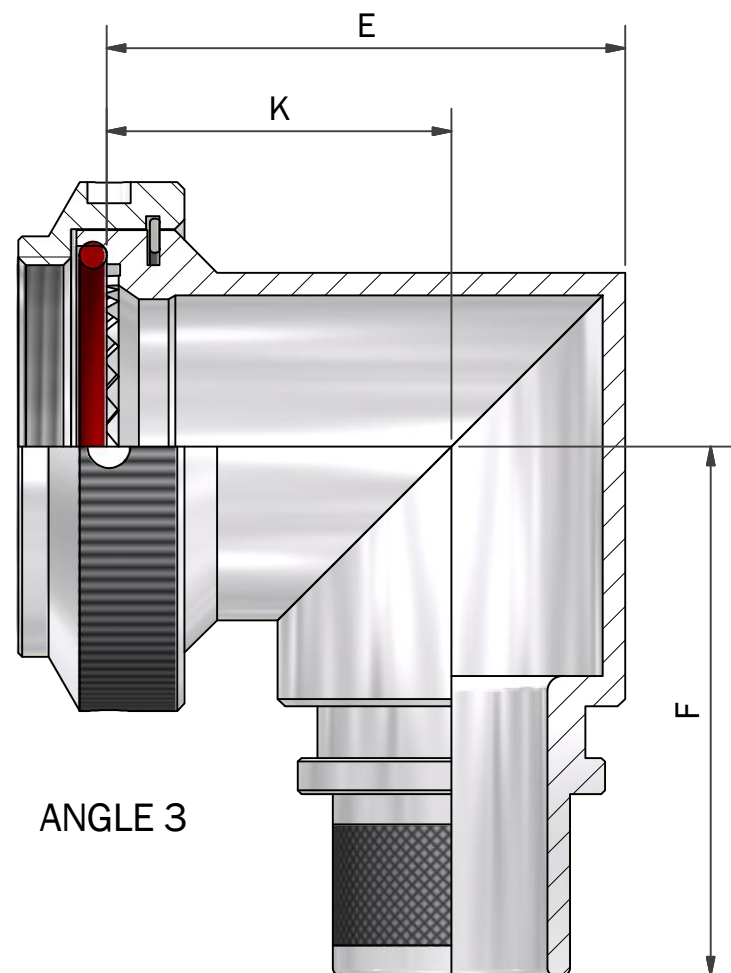




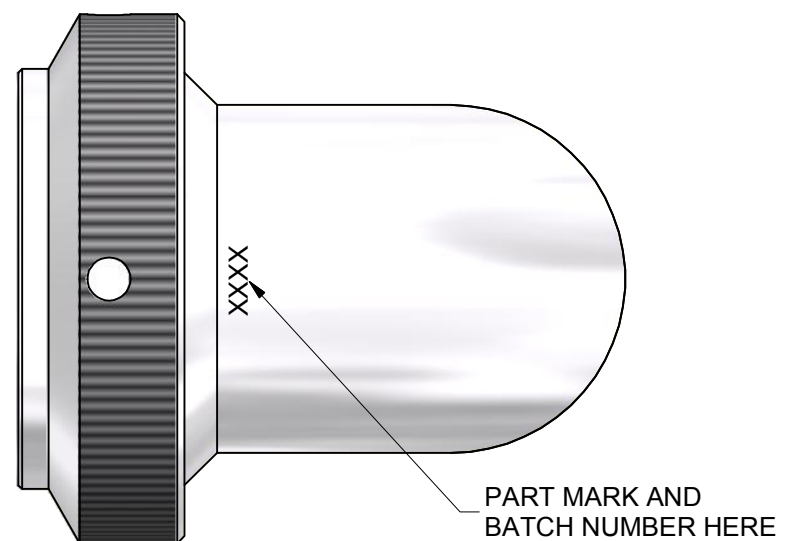
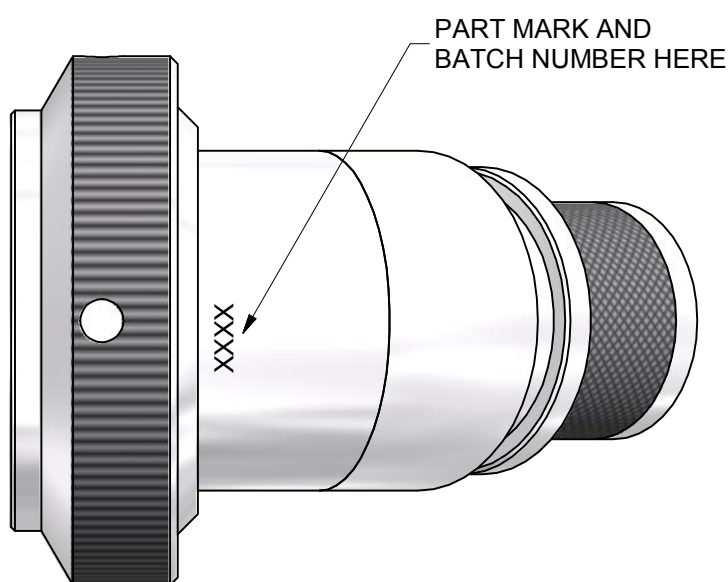
ANGLE 1



ANGLE 2



ANGLE 3



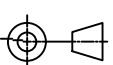
|                  |                  |                   |  |                                                                                                                  |                                            |                                        |                                |                                                                                                                                                                                  |                                                                                       |                                                                                       |          |                       |
|------------------|------------------|-------------------|--|------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|-----------------------|
| DRAWN            |                  | DATE              |  |                               | 3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE |                                        | PART NUMBER:<br><br>APH SERIES |                                                                                                                                                                                  |                                                                                       |  |          |                       |
| W.RUST           |                  | 30/01/2017        |  |                                                                                                                  |                                            |                                        |                                |                                                                                                                                                                                  |                                                                                       |                                                                                       |          |                       |
| DESIGN APPROVAL  |                  | DATE              |  | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br>GENERAL TOL<br>LINEAR +/-0,25MM<br>ANGULAR +/- 1° | TITLE:<br><br>BANDING BACKSHELL            |                                        |                                | ASSY USED ON: MIL-DTL-38999 SERIES III & IV                                                                                                                                      |  |                                                                                       |          |                       |
| M.PAUL           |                  | 25/09/2014        |  |                                                                                                                  |                                            |                                        |                                |                                                                                                                                                                                  |                                                                                       |                                                                                       |          |                       |
| DOC<br>TYPE      | Customer Drawing |                   |  |                                                                                                                  |                                            |                                        |                                |                                                                                                                                                                                  |                                                                                       |                                                                                       |          |                       |
| ISSUE/REV<br>AA  |                  | DCR<br>---        |  |                                                                                                                  |                                            |                                        |                                |                                                                                                                                                                                  |                                                                                       |                                                                                       |          |                       |
| NCAGE CODE U5792 |                  | WEIGHT<br>28.88 g |  | MATERIAL<br>SEE PART NUMBER<br>BREAKDOWN                                                                         |                                            | FINISH<br>SEE PART NUMBER<br>BREAKDOWN |                                | THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF POLAMCO LTD<br>IT MUST NOT BE COPIED, USED FOR MANUFACTURE OR OTHERWISE<br>DISCLOSED WITHOUT PRIOR WRITTEN CONSENT OF THE COMPANY. |                                                                                       | POLAMCO LTD, WESTON LOCK,<br>LOWER BRISTOL ROAD<br>BATH BA2 1EP                       | SHT<br>1 | DRAWING NO:<br>P10339 |

TABLE 1

| SHELL<br>SIZE | A<br>THREAD | ØB<br>MAX | C<br>MAX | D<br>MAX | E<br>MAX | F<br>MAX | K<br>±0,5 | ØT<br>±0,2 |
|---------------|-------------|-----------|----------|----------|----------|----------|-----------|------------|
| 09            | M12 x 1.0   | 20,8      | 13,1     | 24,7     | 27,7     | 30,4     | 16,4      | 6,8        |
| 11            | M15 x 1.0   | 23,8      | 13,9     | 25,9     | 31,2     | 32,2     | 17,3      | 10,3       |
| 13            | M18 x 1.0   | 27,3      | 14,5     | 26,3     | 34,2     | 33,7     | 19,5      | 13,6       |
| 15            | M22 x 1.0   | 31,8      | 15,5     | 27,2     | 37,2     | 35,2     | 21,0      | 16,3       |
| 17            | M25 x 1.0   | 35,3      | 16,1     | 28,0     | 40,7     | 36,9     | 22,8      | 19,5       |
| 19            | M28 x 1.0   | 38,3      | 16,8     | 28,3     | 44,7     | 38,5     | 25,3      | 21,9       |
| 21            | M31 x 1.0   | 39,8      | 17,1     | 29,1     | 47,2     | 40,1     | 26,1      | 25,2       |
| 23            | M34 x 1.0   | 42,8      | 17,7     | 29,5     | 50,2     | 41,6     | 27,6      | 28,3       |
| 25            | M37 x 1.0   | 46,3      | 18,4     | 30,4     | 53,2     | 43,1     | 29,1      | 31,5       |

TABLE 2

|        | J=10 | J=15 | J=20 | J=25 | J=30 | J=35 | J=40 | J=45 | J=50 |
|--------|------|------|------|------|------|------|------|------|------|
| L= MAX | 29,9 | 34,9 | 39,9 | 44,9 | 49,9 | 54,9 | 59,9 | 64,9 | 69,9 |
| L= MAX | 30,8 | 35,8 | 40,8 | 45,8 | 50,8 | 55,8 | 60,8 | 65,3 | 70,3 |
| L= MAX | 31,6 | 36,6 | 41,6 | 46,6 | 51,6 | 56,6 | 61,6 | 66,6 | 71,6 |
| L= MAX | 32,5 | 37,5 | 42,5 | 47,5 | 52,5 | 57,5 | 62,5 | 67,5 | 72,5 |
| L= MAX | 33,5 | 38,5 | 43,5 | 48,5 | 53,5 | 58,5 | 63,5 | 68,5 | 73,5 |
| L= MAX | 34,3 | 39,3 | 44,3 | 49,3 | 54,3 | 59,3 | 64,3 | 69,3 | 74,3 |
| L= MAX | 35,2 | 40,2 | 45,2 | 50,2 | 55,2 | 60,2 | 65,2 | 70,2 | 75,2 |
| L= MAX | 36,2 | 41,2 | 46,2 | 51,2 | 56,2 | 61,2 | 66,2 | 71,2 | 76,2 |
| L= MAX | 37,2 | 42,2 | 47,2 | 52,2 | 57,2 | 62,2 | 67,2 | 72,2 | 77,2 |

TABLE 3

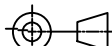
| ENTRY<br>SIZE | ØG   | ØH<br>MAX |
|---------------|------|-----------|
| 04            | 3,2  | 12,4      |
| 06            | 4,8  | 12,4      |
| 08            | 6,4  | 14,0      |
| 10            | 7,9  | 15,5      |
| 12            | 9,5  | 17,1      |
| 14            | 11,1 | 18,7      |
| 16            | 12,7 | 20,3      |
| 18            | 14,2 | 21,6      |
| 20            | 15,9 | 23,5      |
| 24            | 19,0 | 26,7      |
| 28            | 22,2 | 29,8      |
| 32            | 25,4 | 33,0      |
| 34            | 27,0 | 34,6      |
| 36            | 28,6 | 36,2      |
| 40            | 31,8 | 39,4      |

TABLE 4

| CODE                                        | MATERIAL / PLATING                                              |
|---------------------------------------------|-----------------------------------------------------------------|
| 1-C                                         | ALUMINIUM / ELECTROLESS NICKEL                                  |
| 1-B                                         | ALUMINIUM / CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL          |
| 1-ZB                                        | ALUMINIUM / ZINC COBALT OLIVE DRAB OVER ELECTROLESS NICKEL      |
| 1-ZN                                        | ALUMINIUM / ZINC NICKEL BLACK PASSIVATE OVER ELECTROLESS NICKEL |
| 4-J                                         | STAINLESS STEEL / PASSIVATE                                     |
| 2-Z                                         | NICKEL ALUMINIUM BRONZE / SHOT BLAST                            |
| SEE SS0076 FOR FULL RANGE OF FINISH OPTIONS |                                                                 |

APH1-17-16-25-1-C

SERIES \_\_\_\_\_  
CONNECTOR INTERFACE \_\_\_\_\_  
ANGLE \_\_\_\_\_  
SHELL SIZE (TABLE 1) \_\_\_\_\_  
ENTRY SIZE (TABLE 3) \_\_\_\_\_  
CHAMBER LENGTH J (TABLE 2) \_\_\_\_\_  
MATERIAL (TABLE 4) \_\_\_\_\_  
FINISH (TABLE 4) \_\_\_\_\_

|                  |                  |            |                                                                                                                                   |                                                                                                                                                                                  |  |          |                       |                                                                                                                                                                                                                 |
|------------------|------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DRAWN            |                  | DATE       | <br>3RD ANGLE<br>PROJECTION<br>NOT TO<br>SCALE | PART NUMBER:                                                                                                                                                                     |  |          |                       | <br>Polamco<br><br>TE<br>connectivity |
| W.RUST           |                  | 30/01/2017 |                                                                                                                                   | APH SERIES                                                                                                                                                                       |  |          |                       |                                                                                                                                                                                                                 |
| DESIGN APPROVAL  |                  | DATE       | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN MILLIMETRES<br>GENERAL TOL<br>LINEAR +/-0.25MM<br>ANGULAR +/- 1°                  | TITLE:                                                                                                                                                                           |  |          |                       |                                                                                                                                                                                                                 |
| M.PAUL           |                  | 25/09/2014 |                                                                                                                                   | BANDING BACKSHELL                                                                                                                                                                |  |          |                       |                                                                                                                                                                                                                 |
| DOC<br>TYPE      | Customer Drawing |            | <b>MATERIAL</b><br><br>SEE PART NUMBER<br>BREAKDOWN<br><br><b>FINISH</b><br><br>SEE PART NUMBER<br>BREAKDOWN                      | ASSY USED ON: MIL-DTL-38999 SERIES III & IV                                                                                                                                      |  |          |                       |                                                                                                                                                                                                                 |
| ISSUE/REV<br>AA  |                  | DCR<br>--- |                                                                                                                                   | THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF POLAMCO LTD<br>IT MUST NOT BE COPIED, USED FOR MANUFACTURE OR OTHERWISE<br>DISCLOSED WITHOUT PRIOR WRITTEN CONSENT OF THE COMPANY. |  |          |                       |                                                                                                                                                                                                                 |
| NCAGE CODE U5792 |                  | WEIGHT     |                                                                                                                                   | POLAMCO LTD, WESTON LOCK,<br>LOWER BRISTOL ROAD<br>BATH BA2 1EP                                                                                                                  |  | SHT<br>2 | DRAWING NO:<br>P10339 |                                                                                                                                                                                                                 |