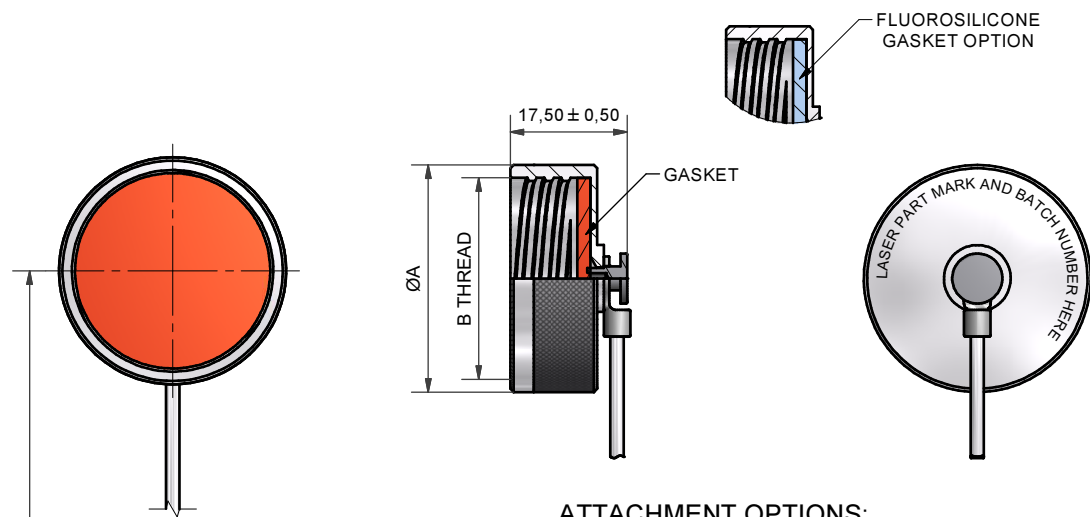
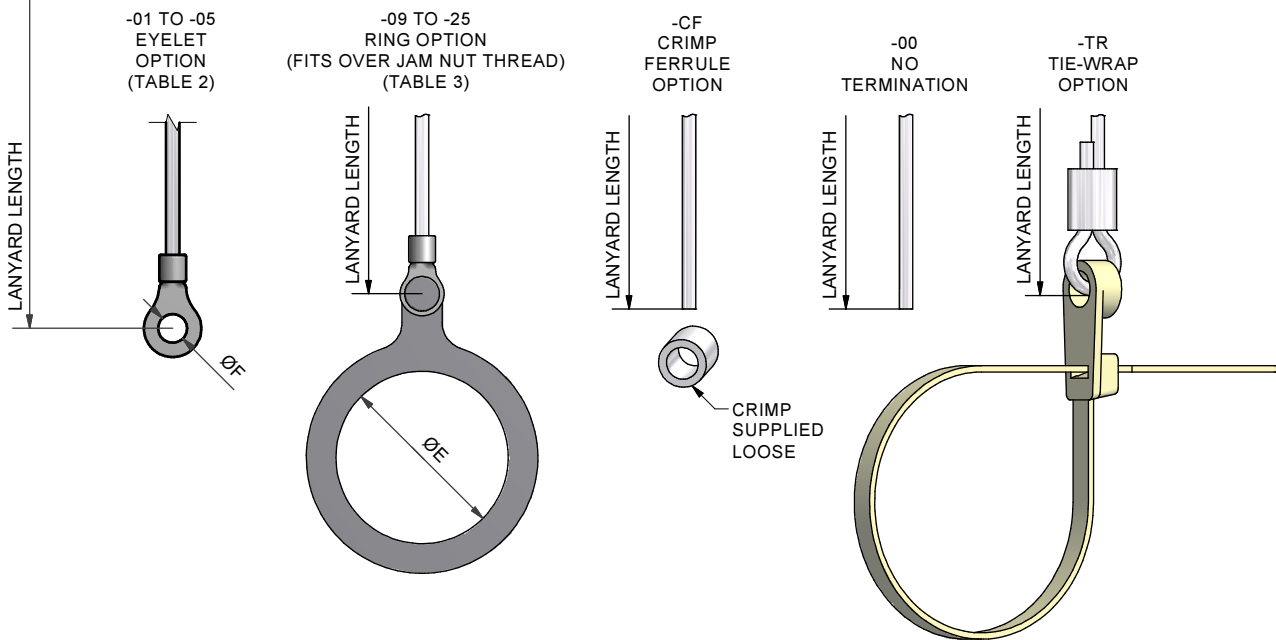


# WITH ATTACHMENT



## ATTACHMENT OPTIONS:



OMIT FOR NO ATTACHMENT  
(SEE SHEET 2)

100P160-17-1-C-WR4-17

SERIES \_\_\_\_\_  
 INSERT 'F' FOR \_\_\_\_\_  
 FLUOROSILICONE GASKET  
 OMIT FOR STANDARD  
 SILICONE GASKET  
 SHELL SIZE (TABLE 1) \_\_\_\_\_  
 MATERIAL (TABLE 5) \_\_\_\_\_  
 FINISH (TABLE 6) \_\_\_\_\_  
 LANYARD TYPE (TABLE 4) \_\_\_\_\_  
 LANYARD LENGTH (IN INCHES) \_\_\_\_\_  
 +1,0"/-0" TOLERANCE  
 ATTACHMENT (SEE ABOVE) \_\_\_\_\_

|                |          |                                                  |                                                                                                                                                                                                     |                                                                                                                                                         |                       |                                                                |
|----------------|----------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------|
| DRAWN          | W.RUST   | DATE<br>12/02/2014                               |  3RD ANGLE<br>PROJECTION<br>NOT TO SCALE                                                                         |  <b>POLAMCO</b><br>WESTON LOCK<br>LOWER BRISTOL ROAD<br>BATH BA2 1EP | PAGE 1 OF 4           | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN<br>MILLIMETRES |
| SALES<br>APPR  |          |                                                  |                                                                                                                                                                                                     |                                                                                                                                                         |                       | MATERIAL<br><br>SEE TABLE 5                                    |
| DESIGN<br>APPR |          |                                                  |                                                                                                                                                                                                     |                                                                                                                                                         |                       |                                                                |
| QUAL<br>APPR   |          |                                                  |                                                                                                                                                                                                     |                                                                                                                                                         |                       |                                                                |
| ISSUE<br>9     | REV<br>3 | DCR<br>3969                                      | THIS DRAWING IS<br>COPYRIGHTANDTHE<br>PROPERTY OF<br>POLAMCO LTD<br>IT MUST NOT BE COPIED,<br>USED FOR MANUFACTURE<br>OR OTHERWISE<br>DISCLOSED WITHOUT<br>PRIOR WRITTEN CONSENT<br>OF THE COMPANY. | ASSY USED ON: MIL-DTL-38999 SERIES III                                                                                                                  |                       | NCAGE CODE U5792                                               |
|                |          |                                                  |                                                                                                                                                                                                     | TITLE:<br><br>RECEPTACLE PROTECTION CAP                                                                                                                 |                       |                                                                |
| WEIGHT<br>---  |          | GENERAL TOL<br>LINEAR +/-0.1MM<br>ANGULAR +/- 1° | PART NUMBER:<br><br>100P160 SERIES                                                                                                                                                                  |                                                                                                                                                         | DRAWING NO:<br>P10523 |                                                                |

TABLE 1

| SHELL SIZE | ØA MAX | B THREAD            |
|------------|--------|---------------------|
| 09         | 21,0   | 0.625-0.1P-0.3L-TS  |
| 11         | 24,5   | 0.750-0.1P-0.3L-TS  |
| 13         | 28,0   | 0.875-0.1P-0.3L-TS  |
| 15         | 30,0   | 1.000-0.1P-0.3L-TS  |
| 17         | 34,0   | 1.1875-0.1P-0.3L-TS |
| 19         | 37,0   | 1.250-0.1P-0.3L-TS  |
| 21         | 40,0   | 1.375-0.1P-0.3L-TS  |
| 23         | 43,0   | 1.500-0.1P-0.3L-TS  |
| 25         | 47,0   | 1.625-0.1P-0.3L-TS  |

TABLE 2

| EYELET REF. | ØF  |
|-------------|-----|
| 01          | 3,2 |
| 02          | 3,7 |
| 03          | 4,3 |
| 04          | 5,3 |
| 05          | 6,4 |

TABLE 3

| RING REF. | ØE MAX |
|-----------|--------|
| 09        | 18,0   |
| 11        | 21,4   |
| 13        | 25,8   |
| 15        | 28,8   |
| 17        | 32,0   |
| 19        | 35,0   |
| 21        | 38,3   |
| 23        | 41,7   |
| 25        | 44,6   |

TABLE 4

| CODE | LANYARD TYPE                                          |
|------|-------------------------------------------------------|
| WR   | NYLON COVERED (CLEAR) STAINLESS STEEL WIRE ROPE       |
| TC   | TEFLON COVERED (CLEAR) STAINLESS STEEL WIRE ROPE      |
| WG   | TEFLON COVERED (OLIVE DRAB) STAINLESS STEEL WIRE ROPE |
| WB   | TEFLON COVERED (BLACK) STAINLESS STEEL WIRE ROPE      |
| WRB  | PVC COVERED (BLACK) STAINLESS STEEL WIRE ROPE         |
| LC   | LINK CHAIN                                            |
| BK   | BLACK CORD                                            |
| VGB  | 1,5mm BLACK POLYESTER CORD EQV. TO DIN83330-E1,5      |
| B    | BEAD CHAIN                                            |
| R    | OLIVE DRAB POLYESTER CORD                             |
| NB   | OLIVE DRAB NYLON CORD                                 |
| NK   | BLACK NYLON CORD                                      |

TABLE 5

| CODE | MATERIAL                | GASKET MATERIAL |
|------|-------------------------|-----------------|
| 1    | ALUMINIUM               | SILICONE        |
| 2    | NICKEL ALUMINIUM BRONZE | SILICONE        |
| 4    | STAINLESS STEEL         | VITON           |
| 7    | BLACK ACETAL            | SILICONE        |
| 74   | COMPOSITE               | SILICONE        |

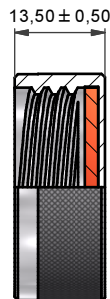
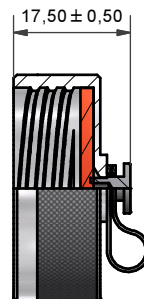
LIST NOT EXHAUSTIVE, SEE MATERIAL TABLE FOR OTHER OPTIONS

TABLE 6

| PLATING CODE | PLATING DESCRIPTION                                                                                              | ROHS COMPLIANT                | ENVIRONMENT PROTECTION/ CONDUCTIVITY                                                                                                     |
|--------------|------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| B            | CADMIUM, OLIVE DRAB (5-10 MICRONS)<br>QQ-P-416, TYPE II, CLASS 3 OVER<br>ELECTROLESS NICKEL                      | YES (SUBJECT TO<br>EXEMPTION) | CONDUCTIVE 500 HRS SALT SPRAY. EXEMPTION<br>APPLICABLE FOR AEROSPACE / MILITARY APPLICATIONS.<br>SEE ROHS WEBSITES FOR MORE INFORMATION. |
| C            | ELECTROLESS NICKEL, AMS-C-26074, CLASS 4,<br>GRADE B                                                             | YES                           | CONDUCTIVE                                                                                                                               |
| J            | PASSIVATE, PER QQ-P-35 OR MI-S-5002                                                                              | YES                           | ROHS COMPLIANT                                                                                                                           |
| U            | UNPLATED CLEAN FINISH NOT SHOT BLASTED                                                                           | YES                           | CONDUCTIVE                                                                                                                               |
| Z            | SHOT BLAST FOR NON-REFLECTIVE FINISH                                                                             | YES                           | CONDUCTIVE                                                                                                                               |
| ZB           | ZINC COBALT (5-10 MICRONS) OVER<br>ELECTROLESS NICKEL (2,5-7,5 MICRONS) WITH<br>A OLIVE DRAB CHROMATE CONVERSION | YES                           | CONDUCTIVE 350 HRS SALT SPRAY                                                                                                            |
| ZN           | ZINC NICKEL BLACK PASSIVATE (5-12 MICRONS)<br>OVER ELECTROLESS NICKEL (8-12 MICRONS),<br>ASTM B 841 CLASS 1      | YES (SUBJECT TO<br>TESTING)   | ROHS COMPLIANT (SUBJECT TO TESTING)                                                                                                      |

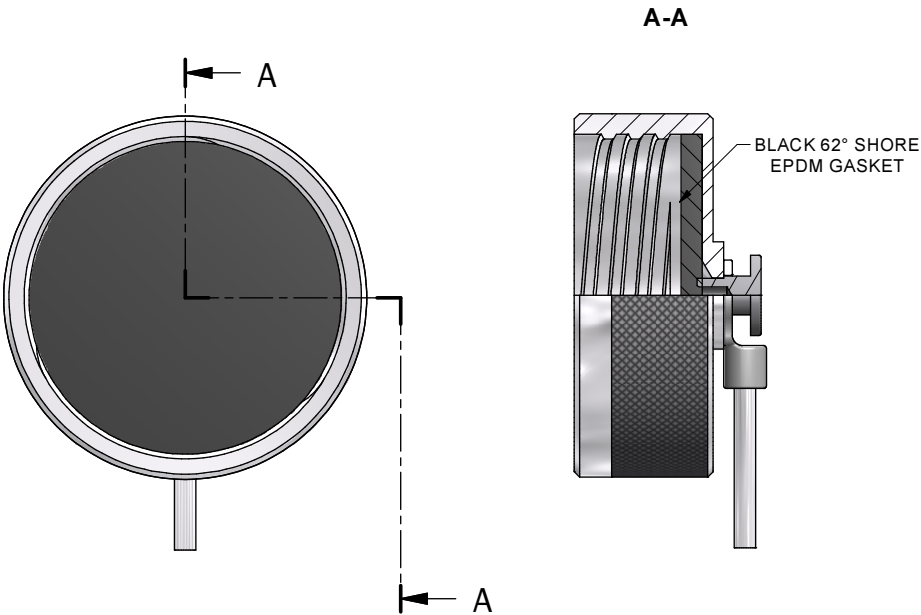
LIST NOT EXHAUSTIVE, SEE PLATING TABLE FOR OTHER OPTIONS

## WITHOUT ATTACHMENT

100P160-17-1-C  
NO ATTACHMENT VERSION100P160-17-1-C-EO  
EYELET ONLY VERSION  
(NO LANYARD)

|                |          |                                                  |                                                                                                                                                                                                     |                                                                                                                                                         |             |                                                                |
|----------------|----------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------|
| DRAWN          | W.RUST   | DATE<br>12/02/2014                               |  3RD ANGLE<br>PROJECTION<br>NOT TO SCALE                                                                         |  <b>POLAMCO</b><br>WESTON LOCK<br>LOWER BRISTOL ROAD<br>BATH BA2 1EP | PAGE 2 OF 4 | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN<br>MILLIMETRES |
| SALES<br>APPR  |          |                                                  |                                                                                                                                                                                                     |                                                                                                                                                         |             |                                                                |
| DESIGN<br>APPR |          |                                                  | THIS DRAWING IS<br>COPYRIGHTANDTHE<br>PROPERTY OF<br>POLAMCO LTD<br>IT MUST NOT BE COPIED,<br>USED FOR MANUFACTURE<br>OR OTHERWISE<br>DISCLOSED WITHOUT<br>PRIOR WRITTEN CONSENT<br>OF THE COMPANY. | ASSY USED ON: MIL-DTL-38999 SERIES III                                                                                                                  |             | MATERIAL<br><br>SEE TABLE 5<br><br>NCAGE CODE U5792            |
| QUAL<br>APPR   |          |                                                  |                                                                                                                                                                                                     | TITLE:<br><br>RECEPTACLE PROTECTION CAP                                                                                                                 |             |                                                                |
| ISSUE<br>9     | REV<br>3 | DCR<br>3969                                      |                                                                                                                                                                                                     | PART NUMBER:<br><br>100P160 SERIES                                                                                                                      |             |                                                                |
| WEIGHT<br>---  |          | GENERAL TOL<br>LINEAR +/-0.1MM<br>ANGULAR +/- 1° |                                                                                                                                                                                                     |                                                                                                                                                         |             | DRAWING NO:<br>P10523                                          |

OPTIONAL GASKET:



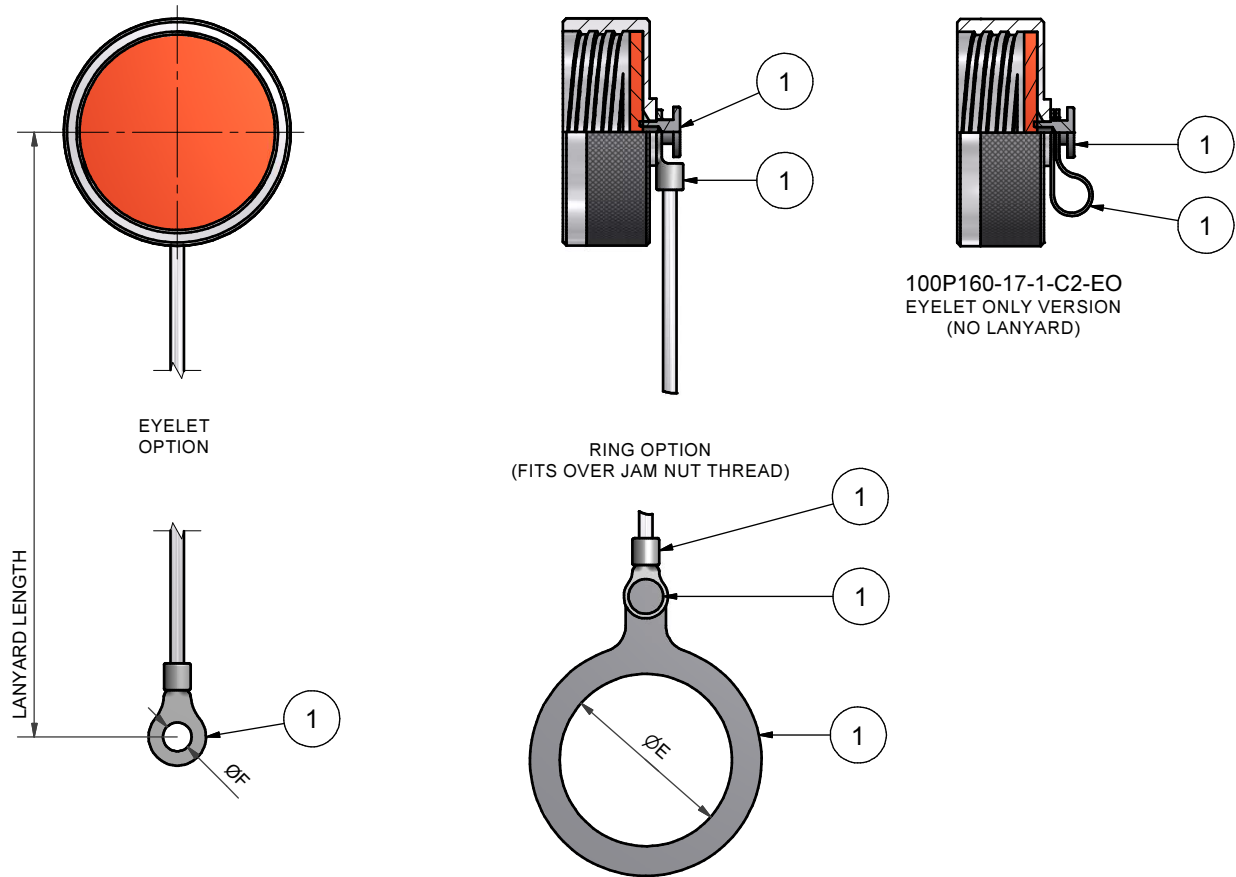
OMIT FOR NO ATTACHMENT  
(SEE SHEET 2)

100P160-17-1-C-WR4-17-EPDM

SERIES  
SHELL SIZE (TABLE 1)  
MATERIAL (TABLE 5)  
FINISH (TABLE 6)  
LANYARD TYPE (TABLE 4)  
LANYARD LENGTH (IN INCHES)  
+1,0"/-0" TOLERANCE  
ATTACHMENT (SEE ABOVE)  
EPDM GASKET

|                |          |                                                  |                                                                                                                                                                                                     |                                                                                                                                                         |             |                                                                |
|----------------|----------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------|
| DRAWN          | W.RUST   | DATE<br>12/02/2014                               |  3RD ANGLE<br>PROJECTION<br>NOT TO SCALE                                                                         |  <b>POLAMCO</b><br>WESTON LOCK<br>LOWER BRISTOL ROAD<br>BATH BA2 1EP | PAGE 3 OF 4 | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN<br>MILLIMETRES |
| SALES<br>APPR  |          |                                                  | THIS DRAWING IS<br>COPYRIGHTANDTHE<br>PROPERTY OF<br>POLAMCO LTD<br>IT MUST NOT BE COPIED,<br>USED FOR MANUFACTURE<br>OR OTHERWISE<br>DISCLOSED WITHOUT<br>PRIOR WRITTEN CONSENT<br>OF THE COMPANY. | ASSY USED ON: MIL-DTL-38999 SERIES III                                                                                                                  |             | MATERIAL<br><br>SEE TABLE 5                                    |
| DESIGN<br>APPR |          |                                                  |                                                                                                                                                                                                     | TITLE:<br><br>RECEPTACLE PROTECTION CAP                                                                                                                 |             |                                                                |
| QUAL<br>APPR   |          |                                                  |                                                                                                                                                                                                     | PART NUMBER:<br><br>100P160 SERIES                                                                                                                      |             | NCAGE CODE U5792                                               |
| ISSUE<br>9     | REV<br>3 | DCR<br>3969                                      |                                                                                                                                                                                                     |                                                                                                                                                         |             |                                                                |
| WEIGHT<br>---  |          | GENERAL TOL<br>LINEAR +/-0.1MM<br>ANGULAR +/- 1° |                                                                                                                                                                                                     |                                                                                                                                                         |             |                                                                |

# WITH PLATED ACCESSORIES



100P160-17-1-C2-WR4-17

SERIES \_\_\_\_\_  
 SHELL SIZE (TABLE 1) \_\_\_\_\_  
 MATERIAL (TABLE 5) \_\_\_\_\_  
 FINISH (TABLE 6) \_\_\_\_\_  
 PLATED EYELETS, RIVETS  
 AND RINGS - AVAILABLE  
 FOR PLATING CODES B, C, ZB, ZN  
 (SEE NOTE)  
 LANYARD TYPE (TABLE 4) \_\_\_\_\_  
 LANYARD LENGTH (IN INCHES)  
 +1,0"/-0" TOLERANCE  
 ATTACHMENT (SEE ABOVE) \_\_\_\_\_

NOTE:  
 1. ALL COMPONENTS INDICATED TO BE PLATED THE SAME AS CAP WHEN CODE "2" IS INSERTED IN THE PART NUMBER

|                |          |                                                  |                                                                                                                                                                                                       |                                                                                                                                                         |             |                                                                |
|----------------|----------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------|
| DRAWN          | W.RUST   | DATE<br>12/02/2014                               |  3RD ANGLE<br>PROJECTION<br>NOT TO SCALE                                                                           |  <b>POLAMCO</b><br>WESTON LOCK<br>LOWER BRISTOL ROAD<br>BATH BA2 1EP | PAGE 4 OF 4 | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN<br>MILLIMETRES |
| SALES<br>APPR  |          |                                                  |                                                                                                                                                                                                       |                                                                                                                                                         |             |                                                                |
| DESIGN<br>APPR |          |                                                  |                                                                                                                                                                                                       |                                                                                                                                                         |             |                                                                |
| QUAL<br>APPR   |          |                                                  |                                                                                                                                                                                                       |                                                                                                                                                         |             |                                                                |
| ISSUE<br>9     | REV<br>3 | DCR<br>3969                                      | THIS DRAWING IS<br>COPYRIGHT AND THE<br>PROPERTY OF<br>POLAMCO LTD<br>IT MUST NOT BE COPIED,<br>USED FOR MANUFACTURE<br>OR OTHERWISE<br>DISCLOSED WITHOUT<br>PRIOR WRITTEN CONSENT<br>OF THE COMPANY. | ASSY USED ON: MIL-DTL-38999 SERIES III                                                                                                                  |             | MATERIAL<br><br>SEE TABLE 5<br><br>NCAGE CODE U5792            |
|                |          |                                                  |                                                                                                                                                                                                       | TITLE:<br><br>RECEPTACLE PROTECTION CAP                                                                                                                 |             |                                                                |
|                |          |                                                  |                                                                                                                                                                                                       | PART NUMBER:<br><br>100P160 SERIES                                                                                                                      |             |                                                                |
| WEIGHT<br>---  |          | GENERAL TOL<br>LINEAR +/-0.1MM<br>ANGULAR +/- 1° | DRAWING NO:<br>P10523                                                                                                                                                                                 |                                                                                                                                                         |             |                                                                |