

A detailed illustration of a metal cap, likely for a fuel tank or a similar container. The cap is shown from a perspective that highlights its internal structure, which consists of many thin, concentric rings. The interior surface is a deep red color, while the exterior is a metallic grey with a fine, cross-hatched texture. A small, cylindrical protrusion is visible at the bottom center of the cap.



NOTE 2:
DOES NOT APPLY FOR COMPOSITE
AND BLACK ACETAL (OPTION 74 & 7).
ACTUAL VALUE FOR COMPOSITE AND
BLACK ACETAL IS 18.50 ± 0.50

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 12/02/2014			3RD ANGLE PROJECTION NOT TO SCALE		PART NUMBER: 100P160 SERIES				 Polamco 			
SALES APPR				12/02/2014			TITLE: RECEPTACLE PROTECTION CAP									
DESIGN APPR						UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°		ASSY USED ON: MIL-DTL-38999 SERIES III								
PROD APPR																
QUAL APPR																
ISSUE AA		REV.	DCR 7332			MATERIAL SEE PART NUMBER BREAKDOWN		THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF POLAMCO LTD IT MUST NOT BE COPIED, USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT OF THE COMPANY.				POLAMCO LTD, WESTON LOCK, LOWER BRISTOL ROAD BATH BA2 1EP		SHT 1	DRAWING NO: P10523	
NCAGE CODE U5792				WEIGHT												

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
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	SILICONE
7	BLACK ACETAL	SILICONE
74	COMPOSITE	SILICONE
46	STAINLESS STEEL 316	SILICONE

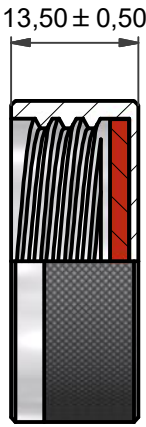
LIST NOT EXHAUSTIVE, SEE MATERIAL TABLE FOR OTHER OPTIONS

TABLE 6

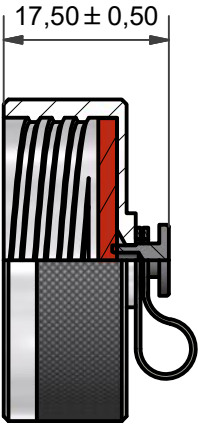
PLATING CODE	PLATING DESCRIPTION	ROHS COMPLIANT	ENVIRONMENT PROTECTION/ CONDUCTIVITY
B	CADMIUM, OLIVE DRAB (5-10 MICRONS) QQ-P-416, TYPE II, CLASS 3 OVER ELECTROLESS NICKEL	YES (SUBJECT TO EXEMPTION)	CONDUCTIVE 500 HRS SALT SPRAY. EXEMPTION APPLICABLE FOR AEROSPACE / MILITARY APPLICATIONS. SEE ROHS WEBSITES FOR MORE INFORMATION.
C	ELECTROLESS NICKEL, AMS-C-26074, CLASS 4, 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 ELECTROLESS NICKEL (2,5-7,5 MICRONS) WITH A OLIVE DRAB CHROMATE CONVERSION	YES	CONDUCTIVE 350 HRS SALT SPRAY
ZN	ZINC NICKEL BLACK PASSIVATE (5-12 MICRONS) OVER ELECTROLESS NICKEL (8-12 MICRONS), ASTM B 841 CLASS 1	YES (SUBJECT TO TESTING)	ROHS COMPLIANT (SUBJECT TO TESTING)

LIST NOT EXHAUSTIVE, SEE PLATING TABLE FOR OTHER OPTIONS

WITHOUT ATTACHMENT

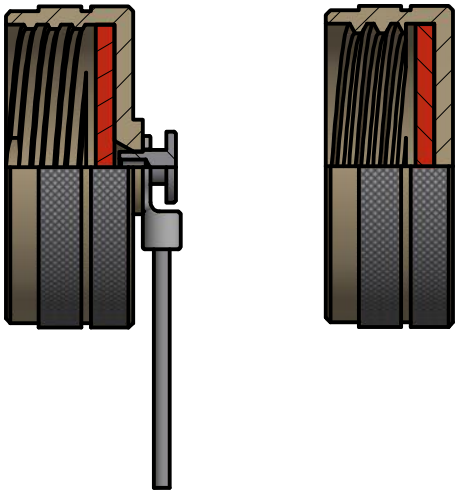


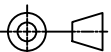
100P160-17-1-C
NO ATTACHMENT VERSION



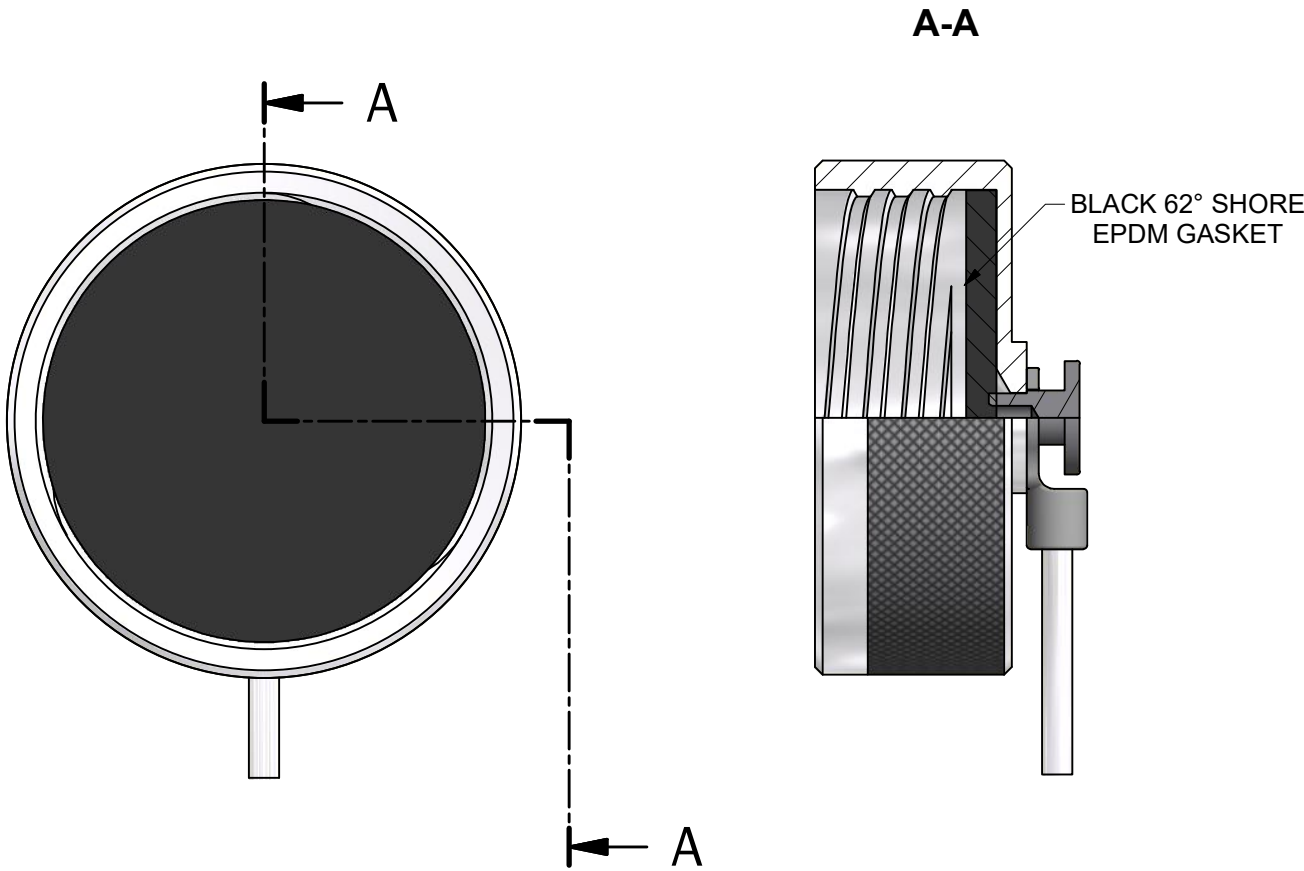
100P160-17-1-C-EO
EYELET ONLY VERSION
(NO LANYARD)

COMPOSITE VERSION



DRAWN	W.RUST		DATE 12/02/2014	 3RD ANGLE PROJECTION NOT TO SCALE	PART NUMBER: 100P160 SERIES					 Polamco 			
SALES APPR			12/02/2014		TITLE: PROTECTION CAP ASSEMBLY								
DESIGN APPR				UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/- 0,25MM ANGULAR +/- 1° MATERIAL SEE PART NUMBER BREAKDOWN FINISH SEE PART NUMBER BREAKDOWN	ASSY USED ON: MIL-DTL-38999 SERIES III								
PROD APPR					THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF POLAMCO LTD IT MUST NOT BE COPIED, USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT OF THE COMPANY.						POLAMCO LTD, WESTON LOCK, LOWER BRISTOL ROAD BATH BA2 1EP	SHT 2	DRAWING NO: P10523
QUAL APPR													
ISSUE AA	REV.	DCR 7332											
NCAGE CODE U5792			WEIGHT —										

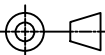
OPTIONAL GASKET:



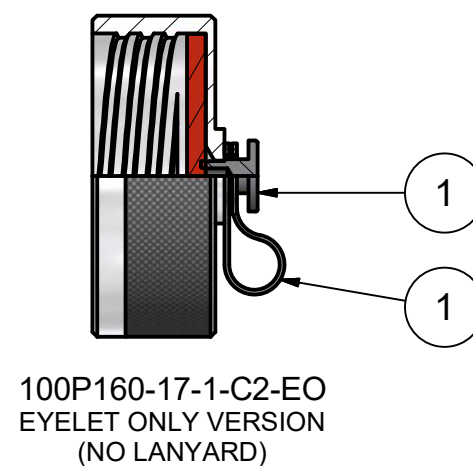
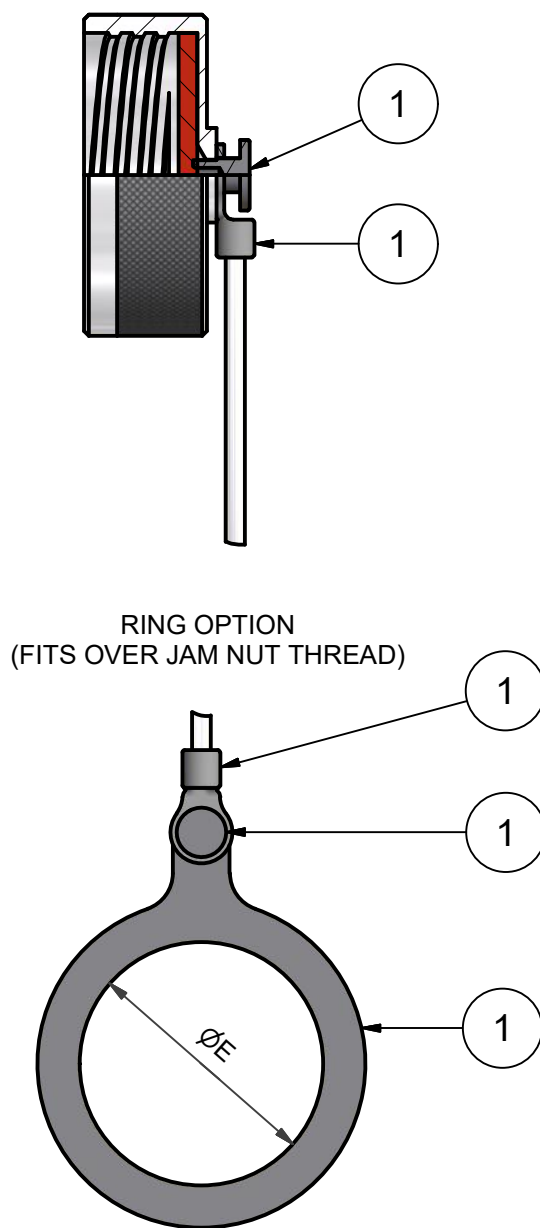
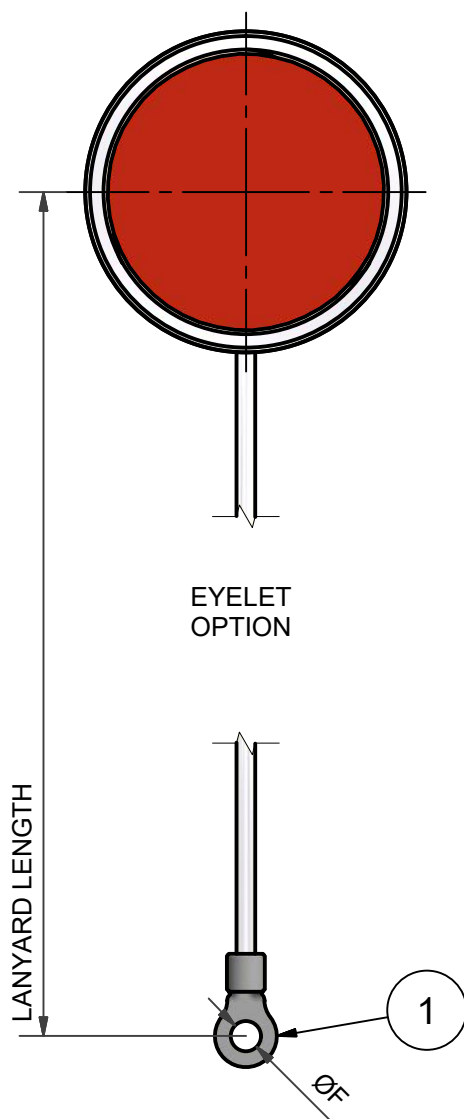
OMIT FOR NO ATTACHMENT
(SEE SHEET 2)

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 12/02/2014	 3RD ANGLE PROJECTION NOT TO SCALE	PART NUMBER: 100P160 SERIES					 Polamco 			
SALES APPR			12/02/2014		TITLE: RECEPTACLE PROTECTION CAP								
DESIGN APPR													
PROD APPR													
QUAL APPR					UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°	ASSY USED ON: MIL-DTL-38999 SERIES III							
ISSUE AA	REV.	DCR 7332											
NCAGE CODE U5792			WEIGHT		MATERIAL SEE PART NUMBER BREAKDOWN		FINISH SEE PART NUMBER BREAKDOWN		THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF POLAMCO LTD IT MUST NOT BE COPIED, USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT OF THE COMPANY.		POLAMCO LTD, WESTON LOCK, LOWER BRISTOL ROAD BATH BA2 1EP	SHT 3	DRAWING NO: P10523

WITH PLATED ACCESSORIES



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

SERIES _____

SHELL SIZE (TABLE 1) _____

MATERIAL (TABLE 5) _____

FINISH (TABLE 6) _____

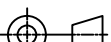
PLATED EYELETS, RIVETS
AND RINGS - AVAILABLE
FOR PLATING CODES B, C, ZB, ZN
(SEE NOTE)

LANYARD TYPE (TABLE 4) _____

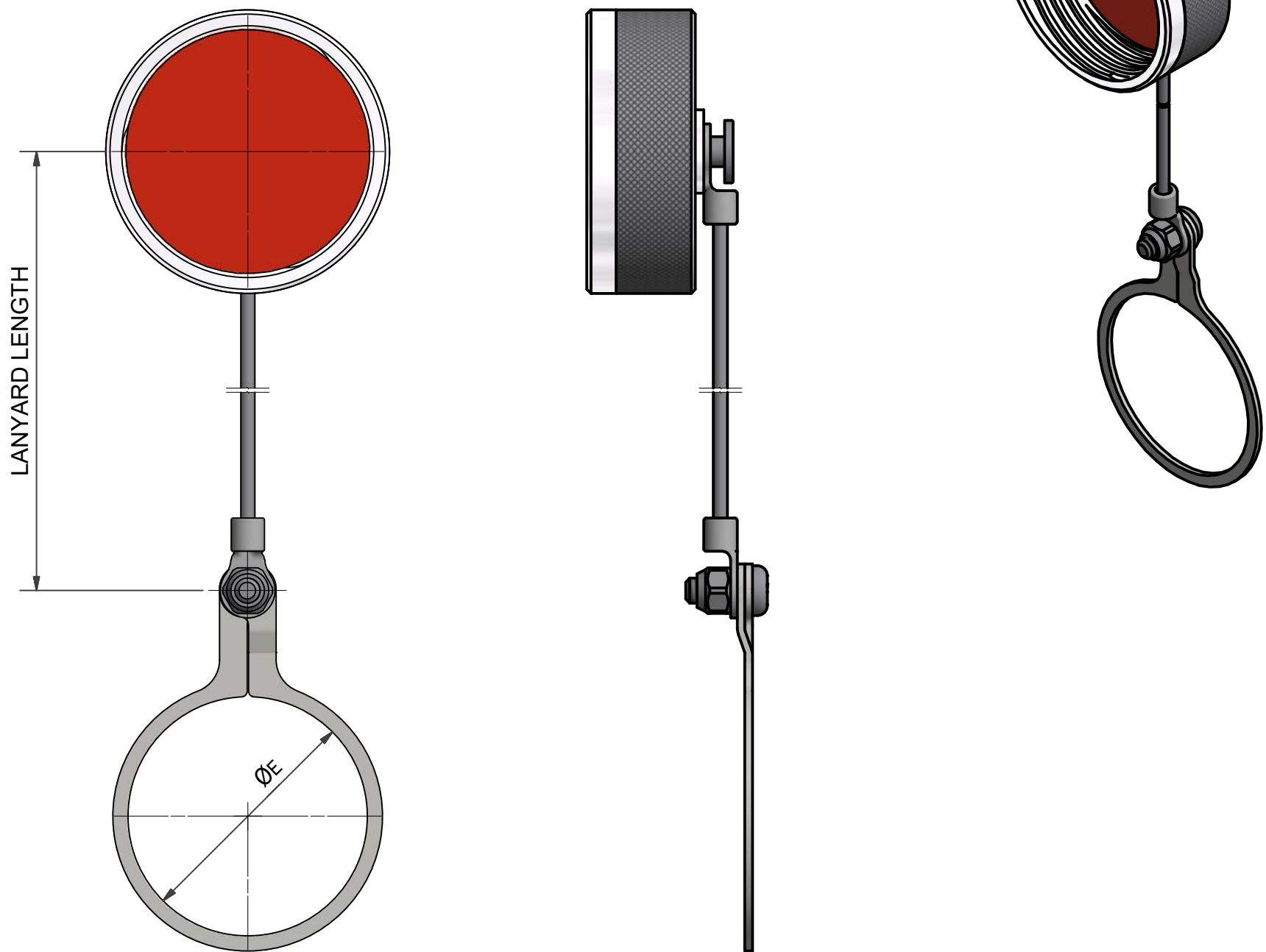
LANYARD LENGTH (IN INCHES) _____
+1,0"/-0" TOLERANCE

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 12/02/2014			3RD ANGLE PROJECTION NOT TO SCALE	PART NUMBER: 100P160 SERIES				 Polamco 									
SALES APPR				12/02/2014				TITLE: RECEPTACLE PROTECTION CAP													
DESIGN APPR						UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°	ASSY USED ON: MIL-DTL-38999 SERIES III				THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF POLAMCO LTD IT MUST NOT BE COPIED, USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT OF THE COMPANY.		POLAMCO LTD, WESTON LOCK, LOWER BRISTOL ROAD BATH BA2 1EP		SHT 4		DRAWING NO: P10523				
PROD APPR																					
QUAL APPR						MATERIAL SEE PART NUMBER BREAKDOWN FINISH SEE PART NUMBER BREAKDOWN															
ISSUE AA		REV.		DCR 7332																	
NCAGE CODE U5792				WEIGHT																	

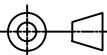
SPLIT RING OPTION:



OMIT FOR NO ATTACHMENT
(SEE SHEET 2)

100P160-17-1-C-WR4-C17

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
C - SPLIT RING _____
17 - RING SIZE (SEE TABLE 3) _____

DRAWN	W.RUST		DATE 12/02/2014	 3RD ANGLE PROJECTION NOT TO SCALE	PART NUMBER: 100P160 SERIES				 Polamco 
SALES APPR			12/02/2014		TITLE: RECEPTACLE PROTECTION COVER				
DESIGN APPR				UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°	ASSY USED ON: MIL-DTL-38999 SERIES III				
PROD APPR									
QUAL APPR				MATERIAL SEE PART NUMBER BREAKDOWN FINISH SEE PART NUMBER BREAKDOWN	THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF POLAMCO LTD IT MUST NOT BE COPIED, USED FOR MANUFACTURE OR OTHERWISE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT OF THE COMPANY.		POLAMCO LTD, WESTON LOCK, LOWER BRISTOL ROAD BATH BA2 1EP	SHT 5	
ISSUE AA	REV.	DCR 7332							
NCAGE CODE U5792			WEIGHT						