





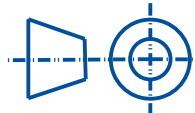



	1	2	3	4	5	6	7	8	9	10					
A	EC8x1 - PANEL MOUNT - FEMALE - ASSY														
B															
C	 					 									
	GLUED FLANGE - 6awg OR 8awg CONFIGURATIONS					SCREWED FLANGE - 6awg OR 8awg CONFIGURATIONS									
D															
E															
F											 <div>DUST CAP ("DCAP" P/N SUFFIX)</div>				
	TERMINAL INSERTION TOOL														
G															

PROJECT

LunaPlugs



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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS.  
TOLERANCES ARE +/- 0.1MM +/- 1°

DO NOT SCALE

SHEET A3  
SIZE

TITLE

LCN-ec8x1-pmf.asm

ASSEMBLY NUMBER:  
LCN-EC8X1-PMF

DRAWN BY

CHECKED BY

APPROVED BY

DATE  
JUL 2023

DATE

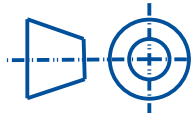

DATE

MASS (Kg):

ISSUE

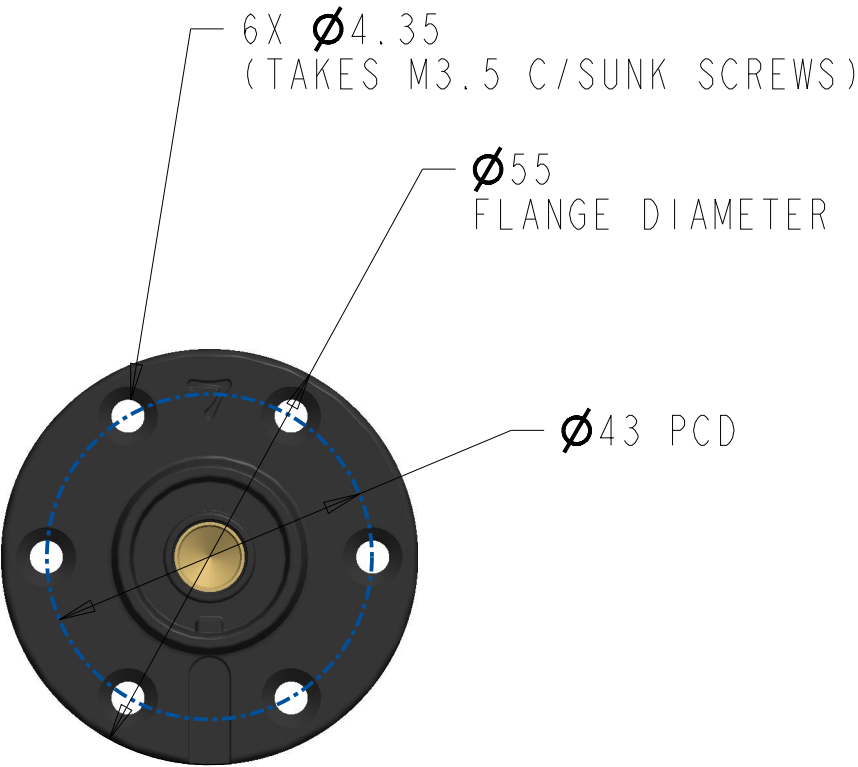
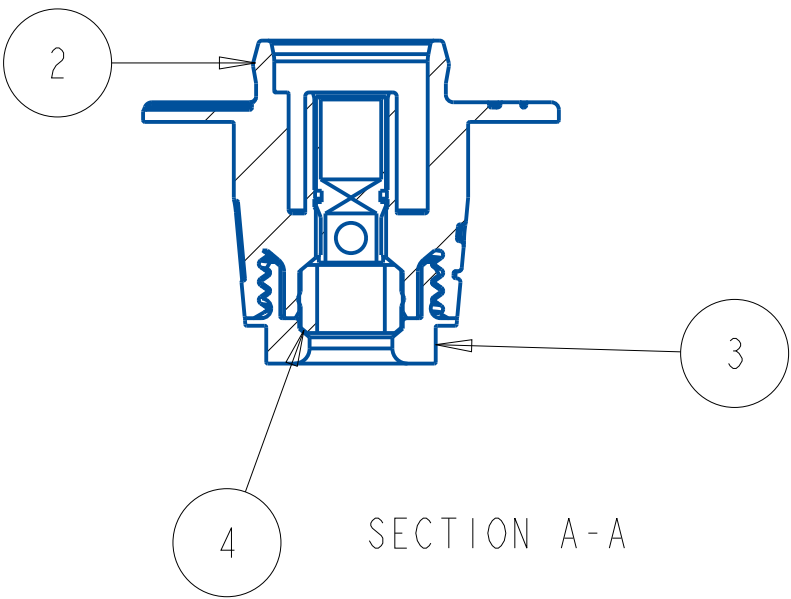
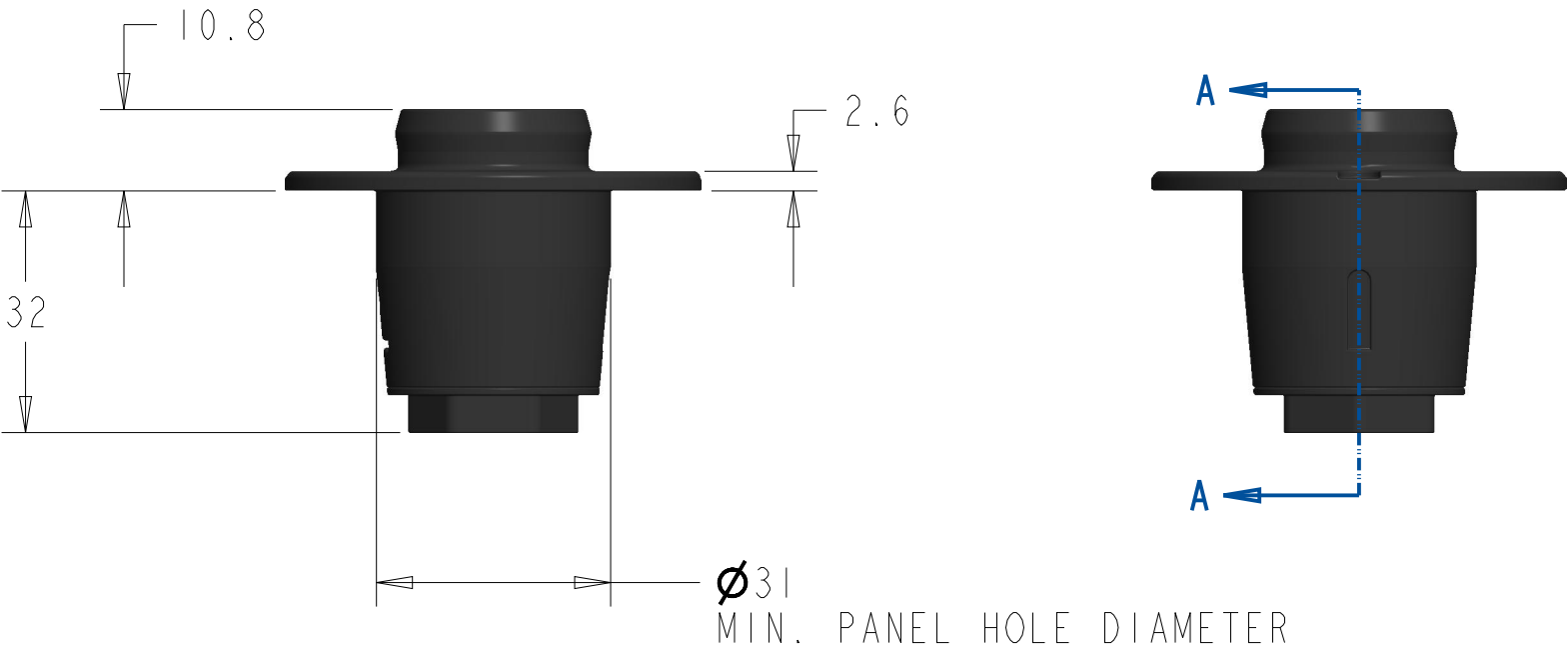
E1.0

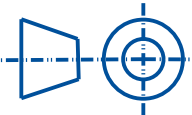

!!! IF IN DOUBT - ASK !!!

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		<div>CHECKED BY</div>	<div>DATE</div>
		<div>APPROVED BY</div>	<div>DATE</div>
		<div>SCALE 0.500</div>	<div>SHEET 1 OF 7</div>
<div>TITLE</div> <div>lcn-ec8x1-pmf.asm</div>		<div>MASS (Kg):</div>	
<div>ASSEMBLY NUMBER:</div> <div>LCN-EC8X1-PMF</div>			<div>ISSUE</div> <div>E1.0</div>

EC8x1 - PANEL MOUNT FEMALE - SCREW - 6AWG CABLE

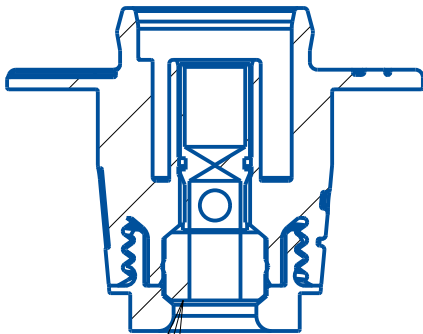
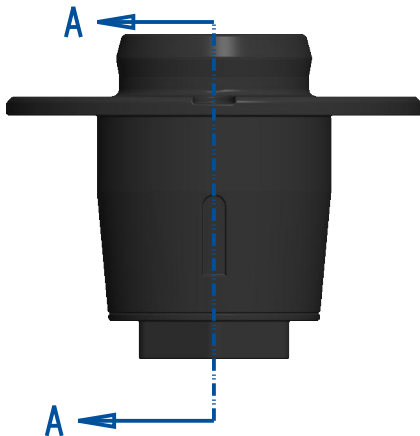
ID	P/N	SOURCE	QTY
1	LD22010403	LUNA DRIVES WEBSITE	1
2	M1-EC8X1-PMF-BODY-SCREW	LD 3D PRINT	1
3	M1-EC8X1-PMF-GLANDRET	LD 3D PRINT	1
4	M2-EC8X1-GLAND-6AWG	LD 3D PRINT	1



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		<div>CHECKED BY</div>	<div>DATE</div>
		<div>APPROVED BY</div>	<div>DATE</div>
		<div>SCALE 1.000</div>	<div>SHEET 2 OF 7</div>
<div>TITLE</div> <div>lcn-ec8x1-pmf.asm</div>		<div>MASS (Kg):</div>	
<div>ASSEMBLY NUMBER:</div> <div>LCN-EC8X1-PMF</div>		<div>ISSUE</div> <div>E1.0</div>	

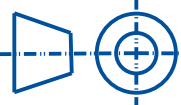

EC8xI - PANEL MOUNT FEMALE - SCREW - 8AWG CABLE

ID	P/N	SOURCE	QTY
1	LD22010403	LUNA DRIVES WEBSITE	1
2	M1-EC8X1-PMF-BODY-SCREW	LD 3D PRINT	1
3	M1-EC8X1-PMF-GLANDRET	LD 3D PRINT	1
4	M2-EC8X1-GLAND-8AWG	LD 3D PRINT	1



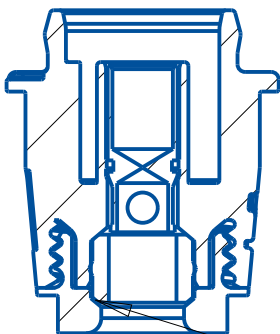
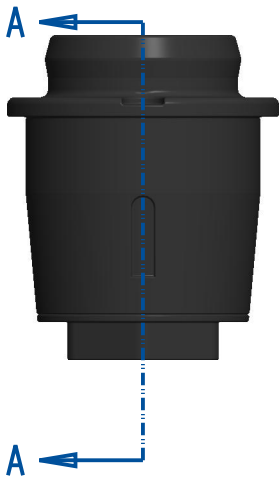
4 SECTION A-A



PROJECT LunaPlugs 	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE +/- 0.1MM +/- 1°  DO NOT SCALE SHEET A3 SIZE	DRAWN BY	DATE JUL 2023
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1.000	SHEET 3 OF 7
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	ASSEMBLY NUMBER: LCN-EC8X1-PMF		ISSUE E1.0

EC8xI - PANEL MOUNT FEMALE - GLUE - 6AWG CABLE



ID	P/N	SOURCE	QTY
1	LCN-EC8XI-MASTER	LD 3D PRINT	1
2	LD22010403	LUNA DRIVES WEBSITE	1
3	M1-EC8XI-PMF-BODY-GLUE	LD 3D PRINT	1
4	M1-EC8XI-PMF-GLANDRET	LD 3D PRINT	1
5	M2-EC8XI-GLAND-6AWG	LD 3D PRINT	1



SECTION A-A

5



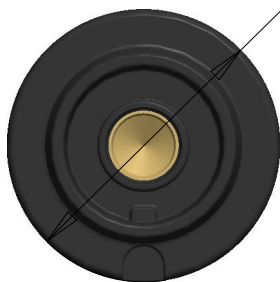
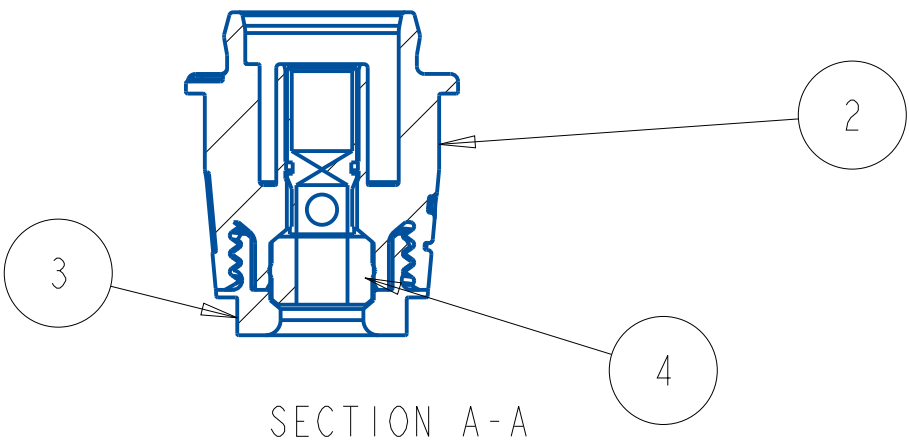
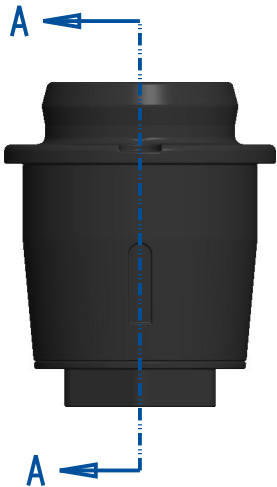
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		<div>CHECKED BY</div>	<div>DATE</div>
		<div>APPROVED BY</div>	<div>DATE</div>
		<div>SCALE 1.000</div>	<div>SHEET 4 OF 7</div>
<div>TITLE</div> <div>lcn-ec8x1-pmf.asm</div>		<div>MASS (Kg):</div>	
<div>ASSEMBLY NUMBER:</div> <div>LCN-EC8XI-PMF</div>		<div>ISSUE</div> <div>E1.0</div>	

EC8x1 - PANEL MOUNT FEMALE - GLUE - 8AWG CABLE

ID	P/N	SOURCE	QTY
1	LD22010403	LUNA DRIVES WEBSITE	1
2	M1-EC8X1-PMF-BODY-GLUE	LD 3D PRINT	1
3	M1-EC8X1-PMF-GLANDRET	LD 3D PRINT	1
4	M2-EC8X1-GLAND-8AWG	LD 3D PRINT	1

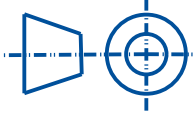



$\varnothing 31$   
MIN. PANEL HOLE DIAMETER



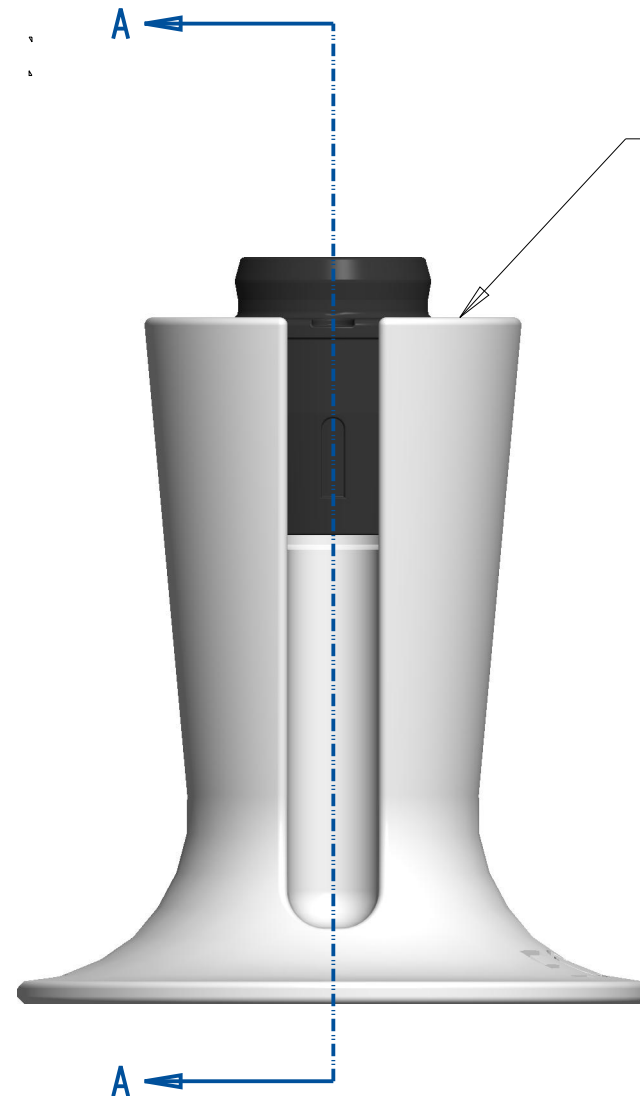
$\varnothing 36$   
FLANGE DIAMETER



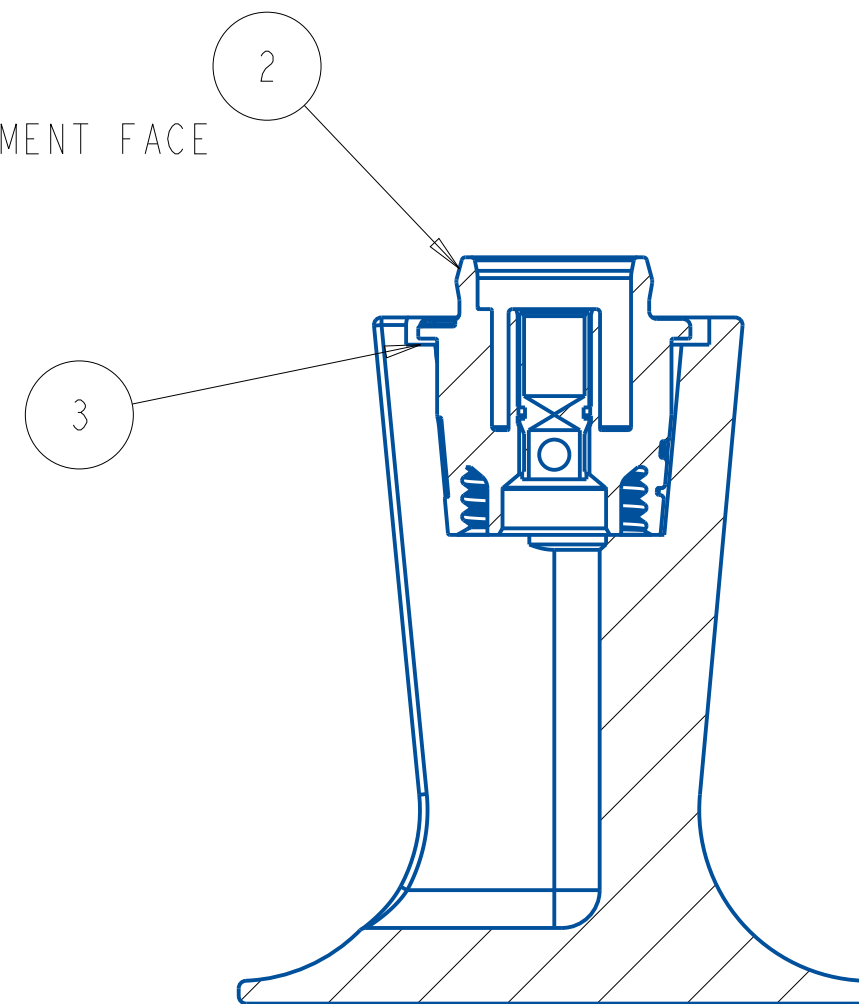
PROJECT		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE +/- 0.1MM +/- 1°		DRAWN BY	DATE
		DO NOT SCALE		CHECKED BY	DATE
				APPROVED BY	DATE
				SHEET A3 SIZE	SCALE 1.000
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		lcn-ec8x1-pmf.asm			
		ASSEMBLY NUMBER:			ISSUE
		LCN-EC8X1-PMF			E1.0

EC8x1 PANEL MOUNT FEMALE  
TERMINALS INSERTION TOOL:  
INSERT UNTIL SUB-FLUSH BY 0.5MM-1MM

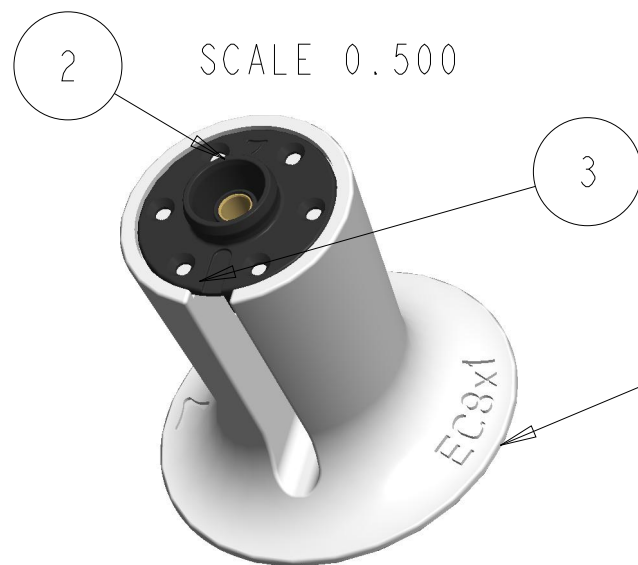
ID	P/N	SOURCE	QTY
1	LD22010403	LUNA DRIVES WEBSITE	1
2	M1-EC8X1-PMF-BODY-GLUE	LD 3D PRINT	1
3	M3-EC8X1-PMF-TOOL-COMP	LD 3D PRINT	1



ALIGNMENT FACE



SECTION A-A



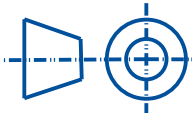

SCALE 0.500

TERMINAL INSERTION TO BE CARRIED OUT WITH PUNCHES  
OF THE FOLLOWING DIAMETERS:

- EC5 MALE = <2MM
- EC5 FEMALE = <5MM
- EC8 MALE = <4MM
- EC8 FEMALE = <8MM

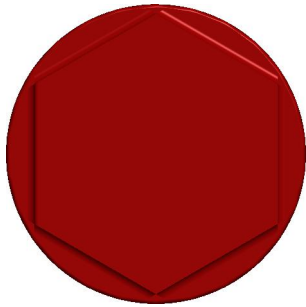
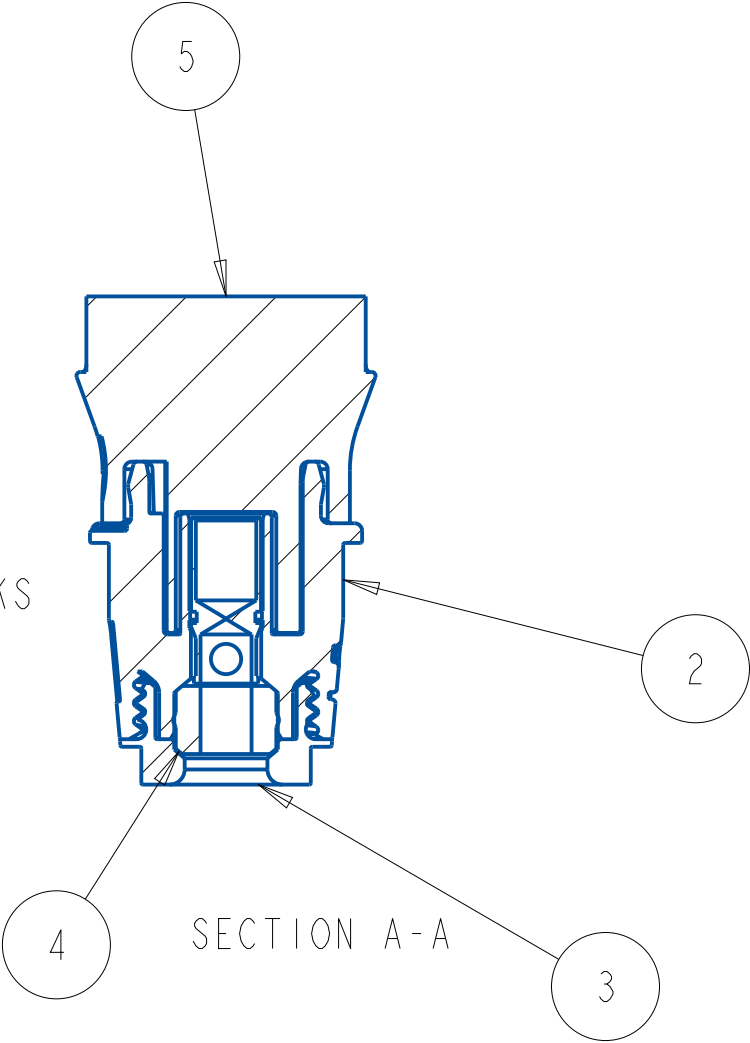
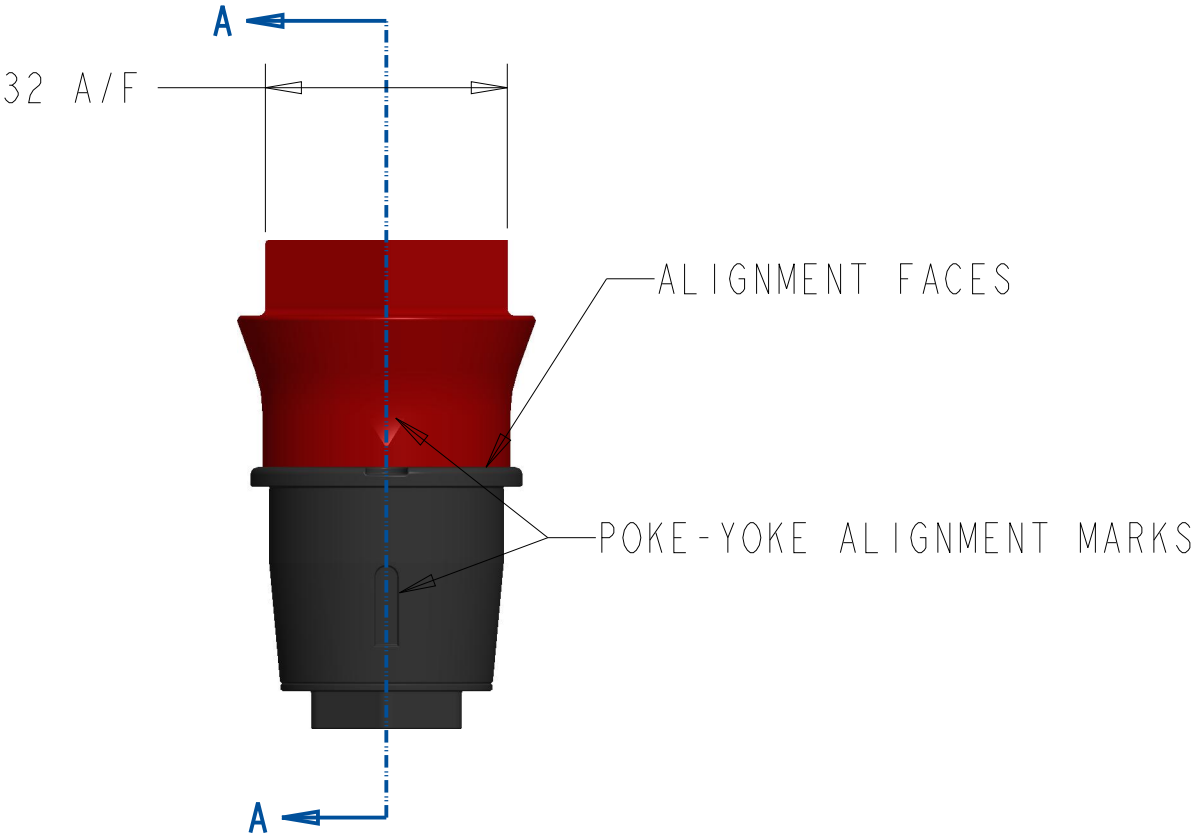
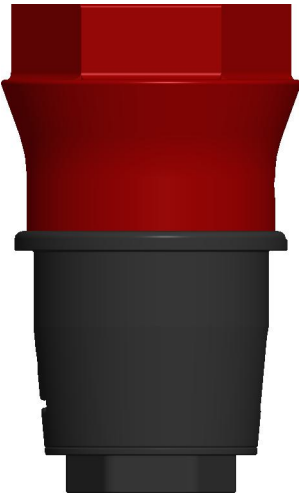
SCREW VERSION & SUPPORT

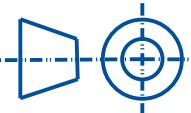

ID	P/N	SOURCE	QTY
1	LD22010403	LUNA DRIVES WEBSITE	1
2	M1-EC8X1-PMF-BODY-SCREW	LD 3D PRINT	1
3	M3-EC8X1-PMSF-TOOL-COMP	LD 3D PRINT	1

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		<p>CHECKED BY</p>	<p>DATE</p>
		<p>APPROVED BY</p>	<p>DATE</p>
		<p>SCALE 1.000</p>	<p>SHEET 6 OF 7</p>
		<p>MASS (Kg):</p>	
		<p>ISSUE E1.0</p>	

EC8x1 PANEL MOUNT FEMALE  
ASSEMBLY TIGHTENING TOOL:

ID	P/N	SOURCE	QTY
1	LD22010403	LUNA DRIVES WEBSITE	1
2	M1-EC8X1-PMF-BODY-GLUE	LD 3D PRINT	1
3	M1-EC8X1-PMF-GLANDRET	LD 3D PRINT	1
4	M2-EC8X1-GLAND-8AWG	LD 3D PRINT	1
5	M3-EC8X1-F-TOOL-TFIXTURE	LD 3D PRINT	1



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		<div>APPROVED BY</div>	<div>DATE</div>
		<div>SCALE 1.000</div>	<div>SHEET 7 OF 7</div>
<div>TITLE</div> <div>lcn-ec8x1-pmf.asm</div>		<div>MASS (Kg):</div>	
<div>ASSEMBLY NUMBER:</div> <div>LCN-EC8X1-PMF</div>		<div>ISSUE</div> <div>E1.0</div>	