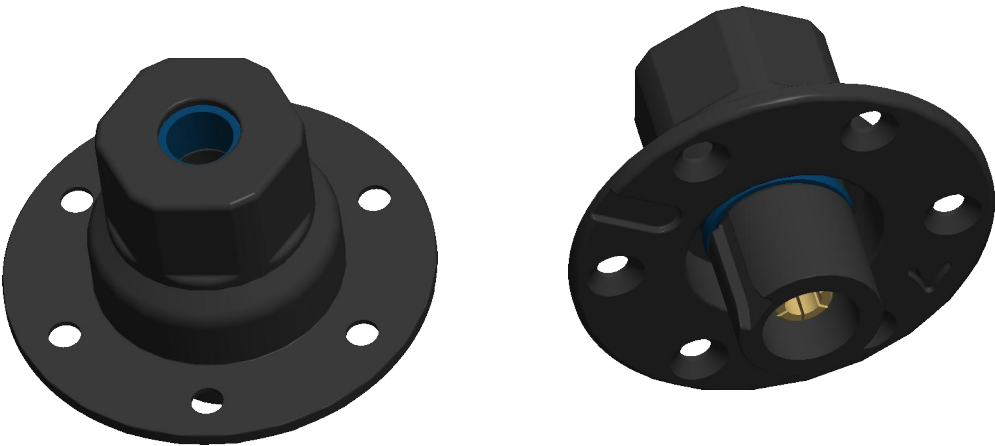
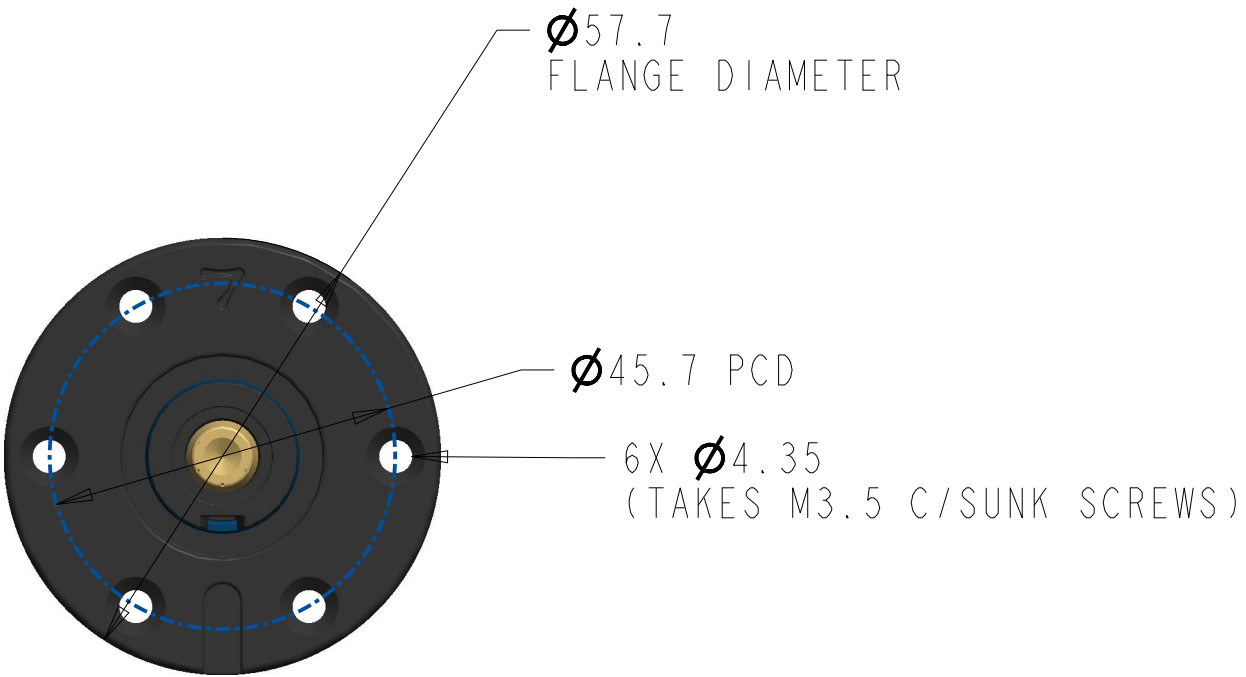
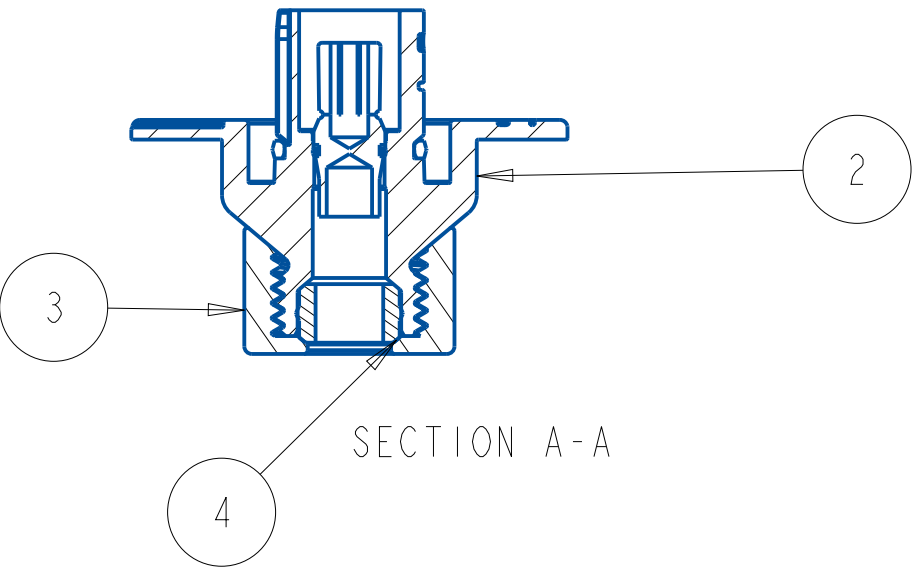
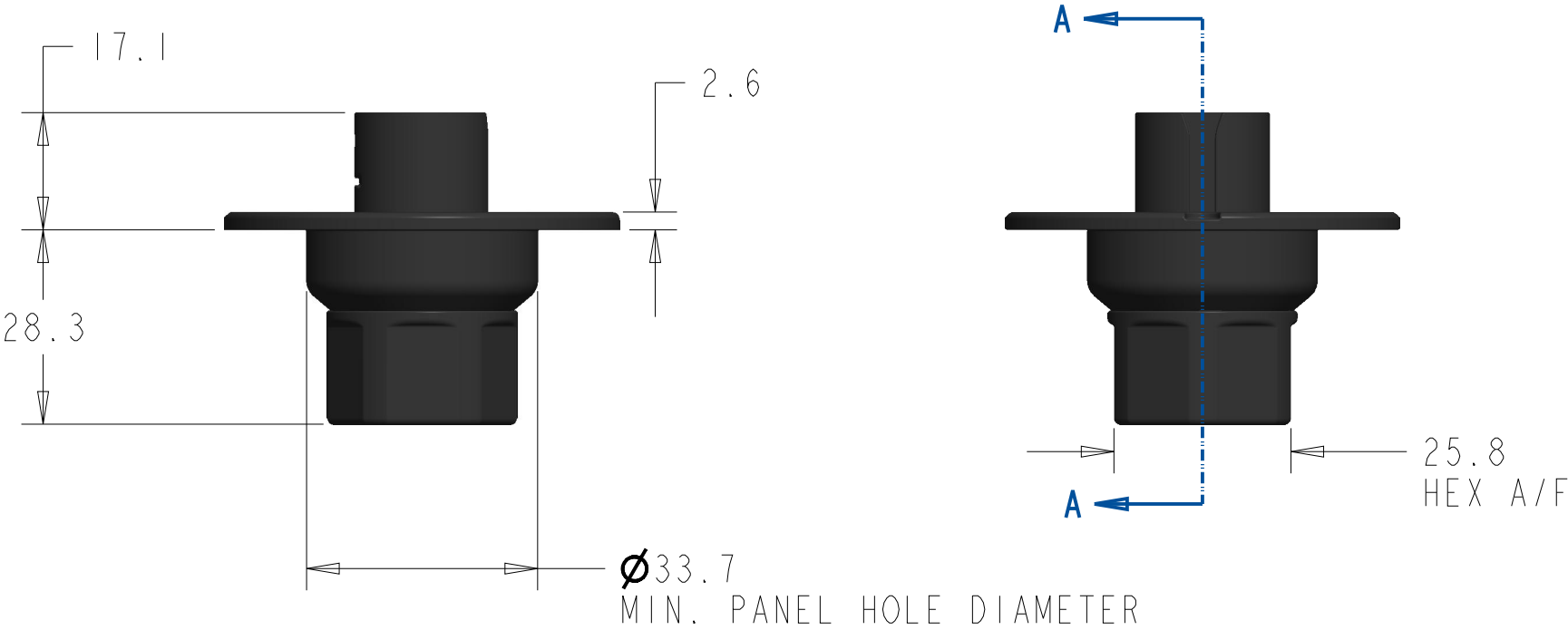




	1	2	3	4	5	6	7	8	9	10	
A	EC8x1 - PANEL MOUNT - MALE - ASSY										
B											
C											
D	GLUED FLANGE - 6awg OR 8awg CONFIGURATIONS					SCREWED FLANGE - 6awg OR 8awg CONFIGURATIONS					
E											
F											
G	TERMINALS INSERTION TOOL					DUST CAP ("DCAP" P/N SUFFIX)					
<div><div>PROJECT LunaPlugs</div><div></div><div><small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</small> </div></div>						<div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE +/- 0.1MM +/- 1°</div> <div>DO NOT SCALE</div> <div>SHEET A3 SIZE</div>		<div>DRAWN BY</div> <div>CHECKED BY</div> <div>APPROVED BY</div>		<div>DATE JUL 2023</div> <div>DATE</div> <div>DATE</div>	
						TITLE lcn-ec8x1-pmm.asm		SCALE 0.500		SHEET 1 OF 7	
						ASSEMBLY NUMBER: LCN-EC8X1-PMM		MASS (kg):		ISSUE E1.0	

EC8x1 - PANEL MOUNT MALE - SCREW - 6AWG CABLE

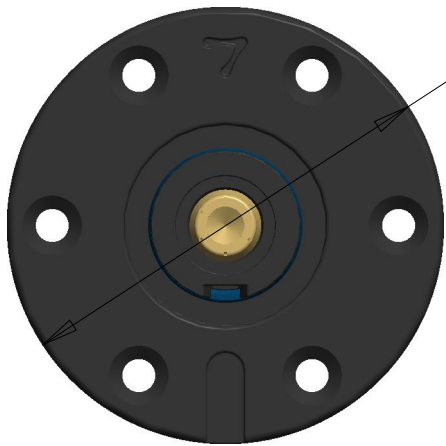
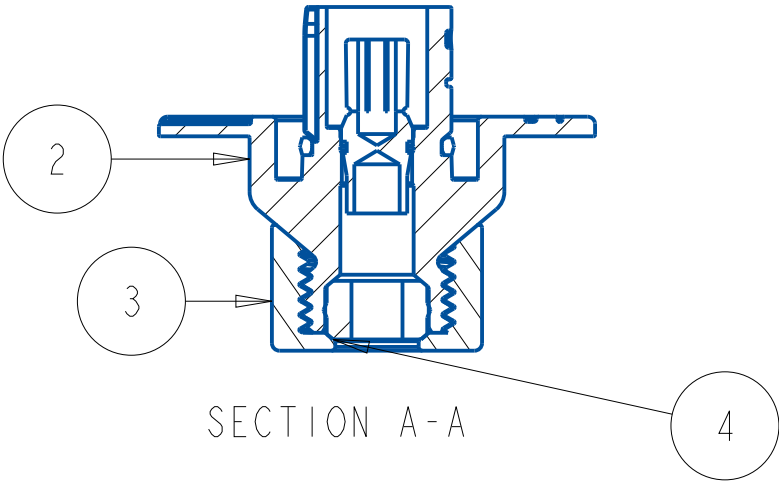
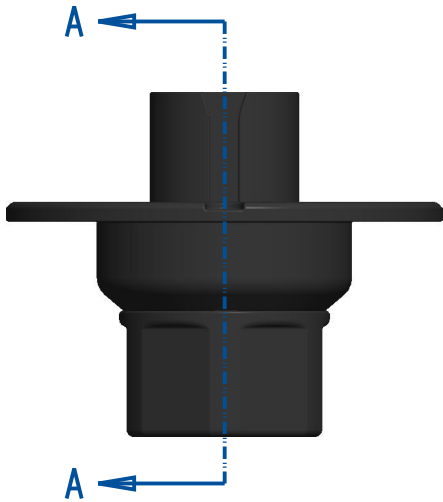
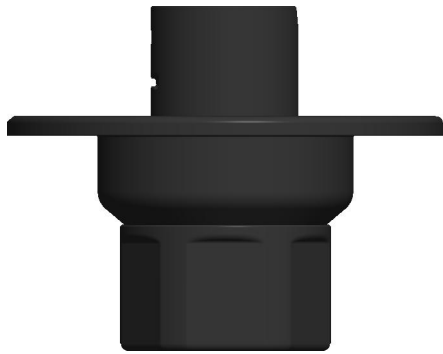
ID	P/N	SOURCE	QTY
1	LD22010402	LUNA DRIVES WEBSITE	1
2	M1-EC8X1-PMM-BODY-SCREW	LD 3D PRINT	1
3	M1-EC8X1-PMM-GLANDRET	LD 3D PRINT	1
4	M2-EC8X1-GLAND-SHORT-6AWG	LD 3D PRINT	1
5	M2-EC8X1-MALE-ORING	LD 3D PRINT	1



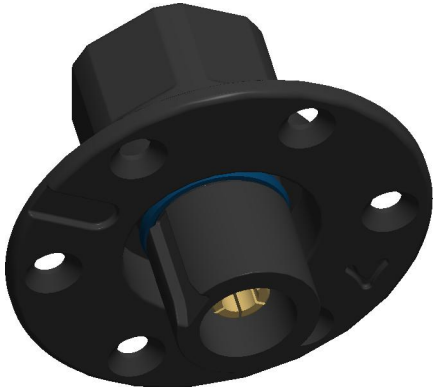
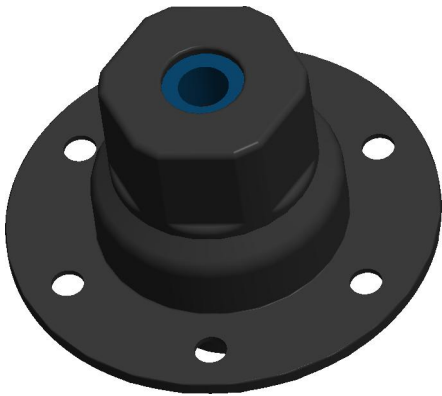
<div>PROJECT</div> <div>LunaPlugs</div> <div></div> <div><div>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</div><div></div></div>	<div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS.</div> <div>TOLERANCES ARE +/- 0.1MM +/- 1°</div> <div>DO NOT SCALE</div> <div>SHEET A3 SIZE</div>	<div>DRAWN BY</div>	<div>DATE</div> <div>JUL 2023</div>
		<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-pmm.asm</div>		<div>MASS (Kg):</div>	
<div>ASSEMBLY NUMBER:</div> <div>LCN-EC8X1-PMM</div>		<div>ISSUE</div> <div>E1.0</div>	



EC8x1 - PANEL MOUNT MALE - SCREW - 8AWG CABLE

ID	P/N	SOURCE	QTY
1	LD22010402	LUNA DRIVES WEBSITE	1
2	M1-EC8X1-PMM-BODY-SCREW	LD 3D PRINT	1
3	M1-EC8X1-PMM-GLANDRET	LD 3D PRINT	1
4	M2-EC8X1-GLAND-SHORT-8AWG	LD 3D PRINT	1
5	M2-EC8X1-MALE-ORING	LD 3D PRINT	1



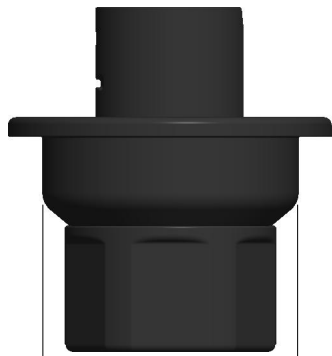
Ø57.6
FLANGE DIAMETER



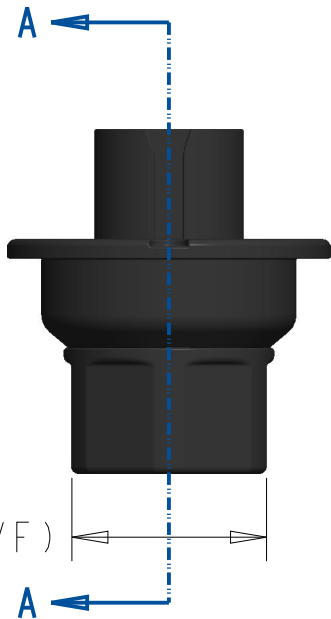
<div>PROJECT</div> <div>LunaPlugs</div> <div></div> <div><small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</small></div> <div></div>	<div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE +/- 0.1MM +/- 1°</div> <div>DO NOT SCALE</div> <div>SHEET A3 SIZE</div>	<div>DRAWN BY</div>	<div>DATE</div> <div>JUL 2023</div>
		<div>CHECKED BY</div>	<div>DATE</div>
		<div>APPROVED BY</div>	<div>DATE</div>
		<div>SCALE 1.000</div>	<div>SHEET 3 OF 7</div>
<div>TITLE</div> <div>lcn-ec8x1-pmm.asm</div>		<div>MASS (Kg):</div>	
<div>ASSEMBLY NUMBER:</div> <div>LCN-EC8X1-PMM</div>		<div>ISSUE</div> <div>E1.0</div>	

EC8x1 - PANEL MOUNT MALE - GLUE - 6AWG CABLE

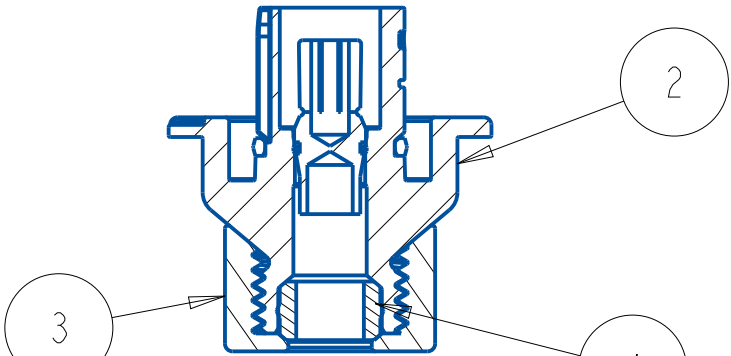
ID	P/N	SOURCE	QTY
1	LD22010402	LUNA DRIVES WEBSITE	1
2	M1-EC8X1-PMM-BODY-GLUE	LD 3D PRINT	1
3	M1-EC8X1-PMM-GLANDRET	LD 3D PRINT	1
4	M2-EC8X1-GLAND-SHORT-6AWG	LD 3D PRINT	1
5	M2-EC8X1-MALE-ORING	LD 3D PRINT	1



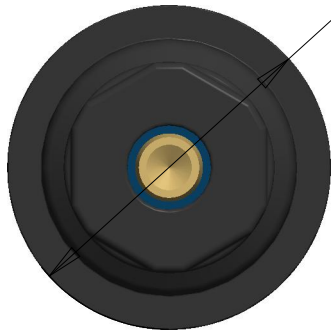
(33.7)



(25.7 A/F)

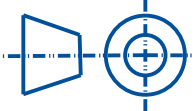



SECTION A-A



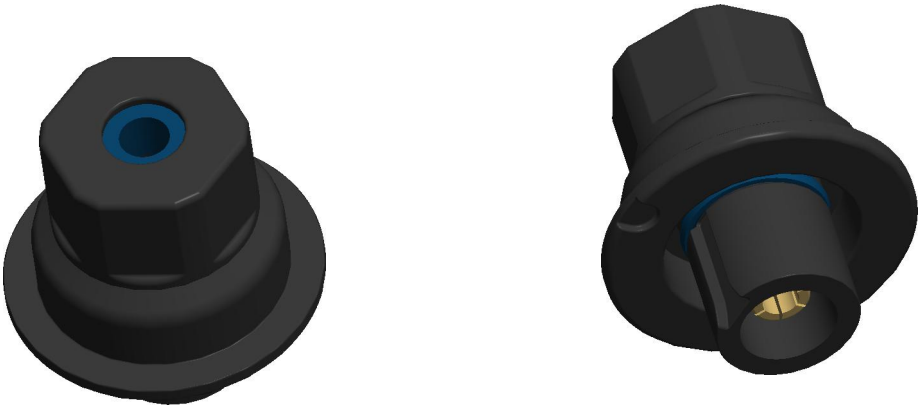
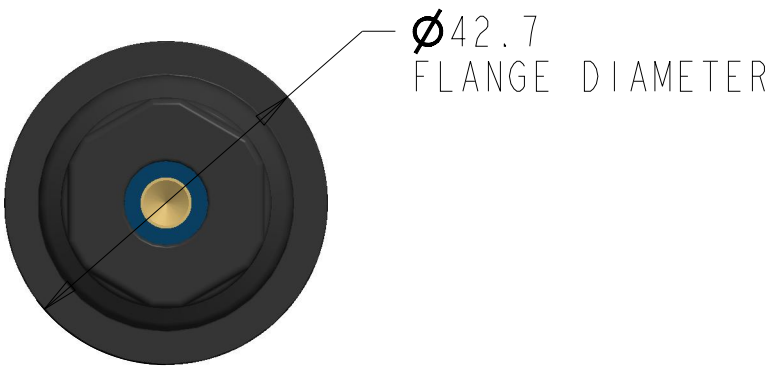
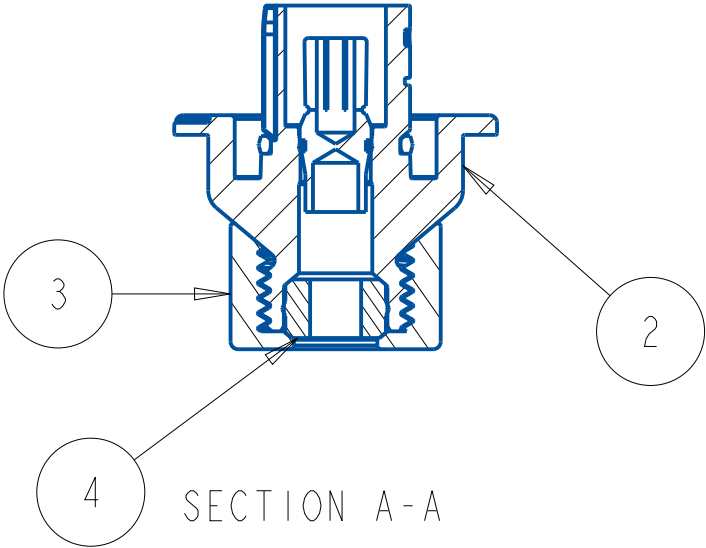
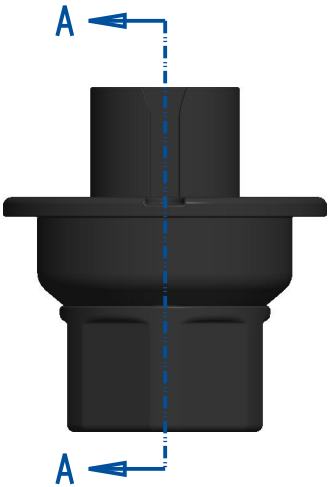
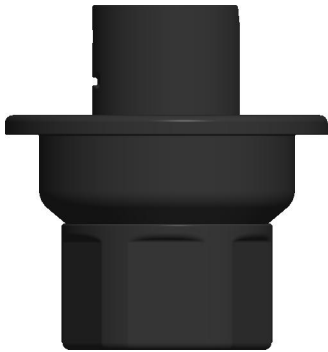
Ø42.7
FLANGE DIAMETER



<div>PROJECT</div> <div>LunaPlugs</div> <div></div> <div><small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</small></div> <div></div>	<div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE +/- 0.1MM +/- 1°</div> <div>DO NOT SCALE</div> <div>SHEET A3 SIZE</div> <div>TITLE lcn-ec8x1-pmm.asm</div> <div>ASSEMBLY NUMBER: LCN-EC8X1-PMM</div>	<div>DRAWN BY</div>	<div>DATE</div> <div>JUL 2023</div>
		<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>MASS (Kg):</div>	
		<div>ISSUE</div> <div>E1.0</div>	

EC8x1 - PANEL MOUNT MALE - GLUE - 8AWG CABLE

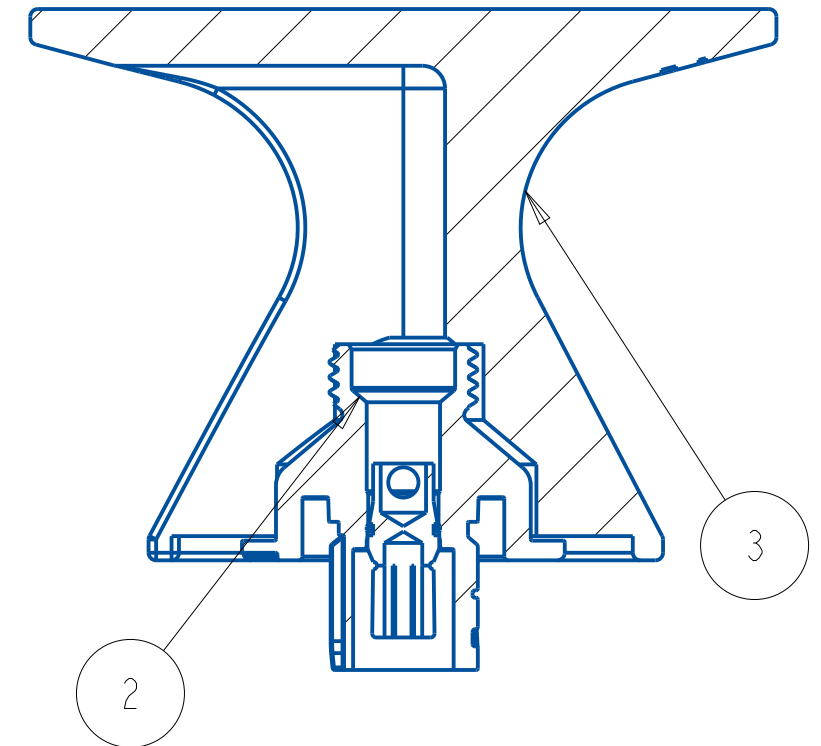
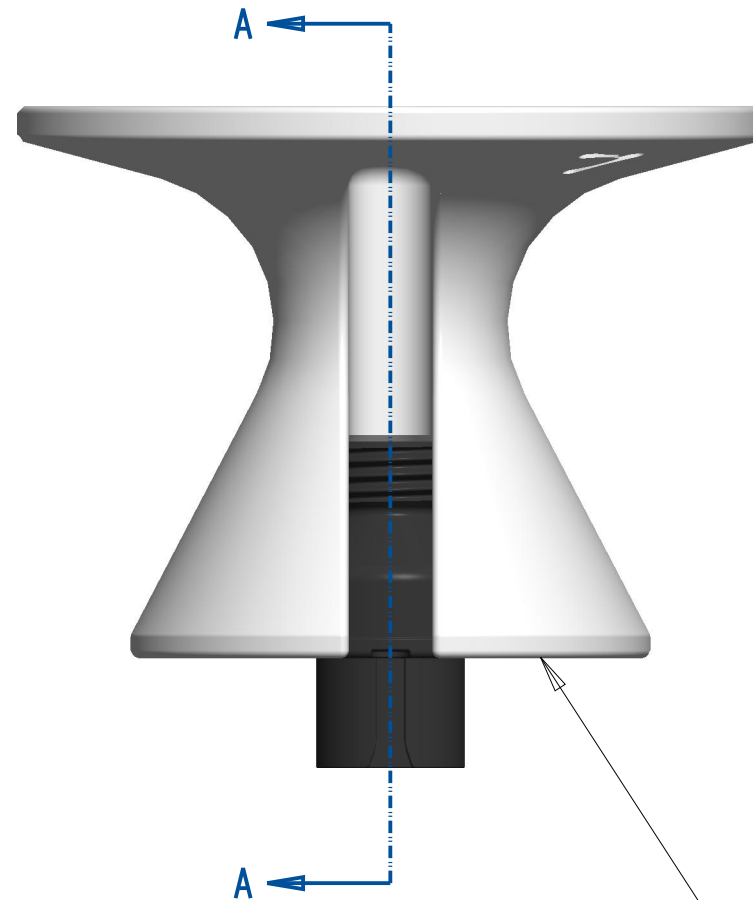
ID	P/N	SOURCE	QTY
1	LD22010402	LUNA DRIVES WEBSITE	1
2	M1-EC8X1-PMM-BODY-GLUE	LD 3D PRINT	1
3	M1-EC8X1-PMM-GLANDRET	LD 3D PRINT	1
4	M2-EC8X1-GLAND-SHORT-8AWG	LD 3D PRINT	1
5	M2-EC8X1-MALE-ORING	LD 3D PRINT	1



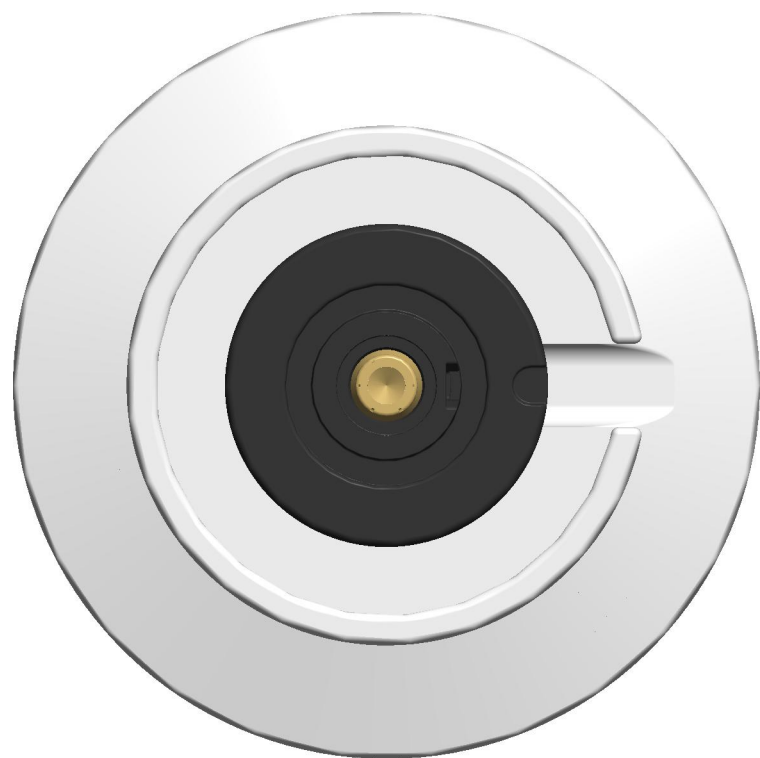
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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1.000	SHEET 5 OF 7
		MASS (Kg):	ISSUE
			E1.0

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

ID	P/N	SOURCE	QTY
1	LD22010402	LUNA DRIVES WEBSITE	1
2	M1-EC8X1-PMM-BODY-GLUE	LD 3D PRINT	1
3	M3-EC8X1-PMM-TOOL-COMP	LD 3D PRINT	1

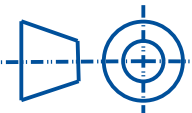



SECTION A-A



ALIGNMENT FACE

TERMINAL INSERTION TO BE CARRIED OUT WITH PUNCHES
OF THE FOLLOWING DIAMETERS:
EC5 MALE =<2MM
EC5 FEMALE =<5MM
EC8 MALE =<4MM
EC8 FEMALE =<8MM

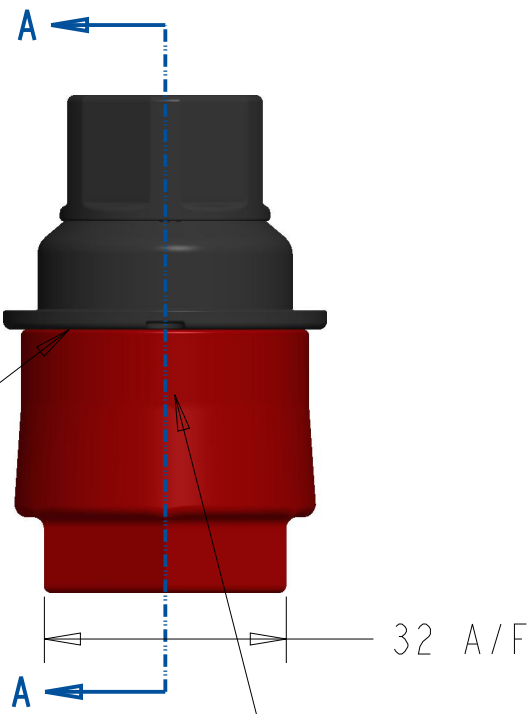
<div>PROJECT</div> <div></div> <div><p>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</p></div>	<div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE $\pm 0.1\text{MM}$ $\pm 1^\circ$</div> <div>DO NOT SCALE</div> <div>SHEET A3</div> <div>TITLE lcn-ec8x1-pmm.asm</div> <div>ASSEMBLY NUMBER: LCN-EC8X1-PMM</div>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1.000	SHEET 6 OF 7
		MASS (Kg):	ISSUE E1.0

EC8x1 PANEL MOUNT MALE
ASSEMBLY TIGHTENING TOOL:

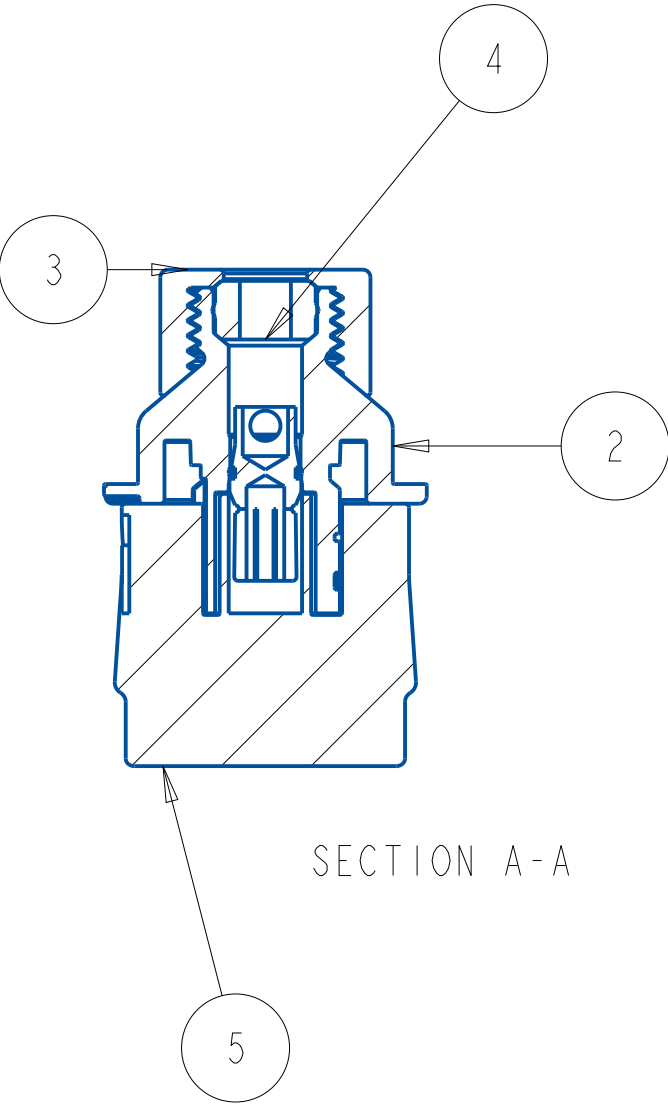
ID	P/N	SOURCE	QTY
1	LD22010402	LUNA DRIVES WEBSITE	1
2	M1-EC8X1-PMM-BODY-GLUE	LD 3D PRINT	1
3	M1-EC8X1-PMM-GLANDRET	LD 3D PRINT	1
4	M2-EC8X1-GLAND-SHORT-8AWG	LD 3D PRINT	1
5	M3-EC8X1-M-TOOL-TFIXTURE	LD 3D PRINT	1





ALIGNMENT FACES



POKE-YOKE ALIGNMENT
NOTCH & ARROW



<div>PROJECT</div> <div>LunaPlugs</div> <div></div> <div><div><div>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</div><div></div></div></div>	<div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE +/- 0.1MM +/- 1°</div> <div>DO NOT SCALE</div> <div>SHEET A3 SIZE</div> <div>TITLE lcn-ec8x1-pmm.asm</div> <div>ASSEMBLY NUMBER: LCN-EC8X1-PMM</div>	<div>DRAWN BY</div>	<div>DATE</div> <div>JUL 2023</div>
		<div>CHECKED BY</div>	<div>DATE</div>
		<div>APPROVED BY</div>	<div>DATE</div>
		<div>SCALE 1.000</div>	<div>SHEET 7 OF 7</div>
		<div>MASS (Kg):</div>	
		<div>ISSUE</div> <div>E1.0</div>	