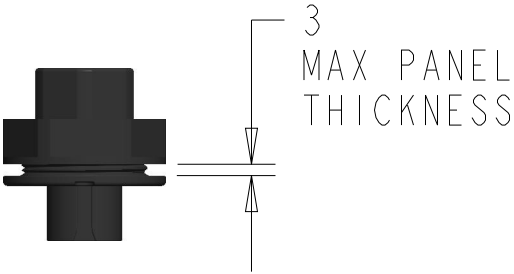


A  
  
  
B  
  
  
C  
  
  
D  
  
  
E  
  
  
F  
  
  
G

# EC8x1 - BULKHEAD - MALE - ASSY

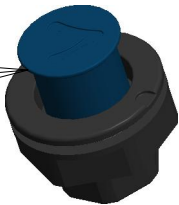


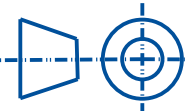

6awg OR 8awg CONFIGURATIONS



TERMINAL INSERTION TOOL

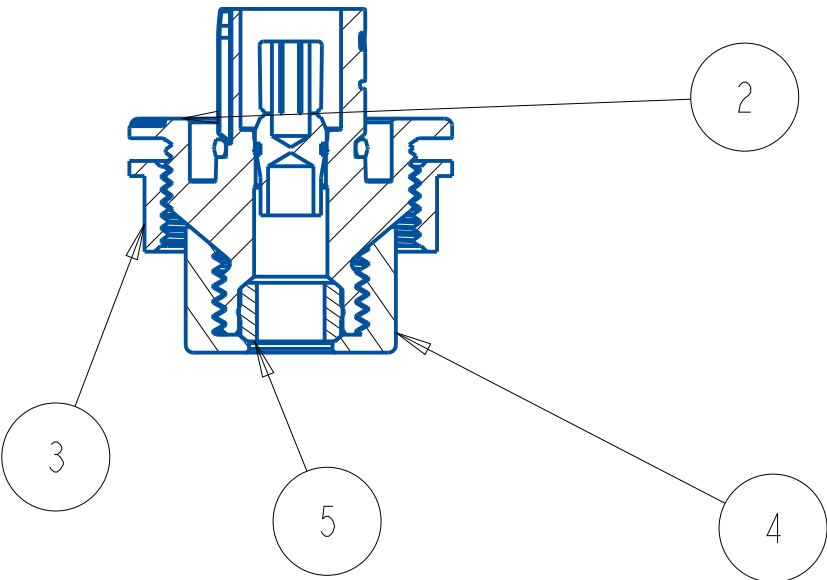
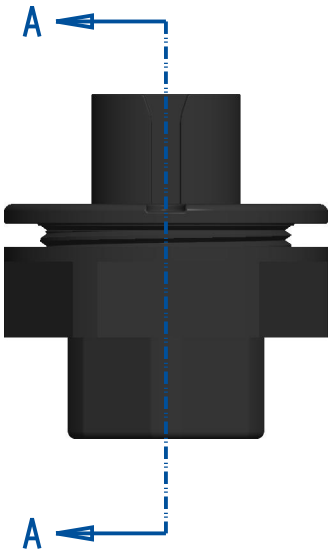
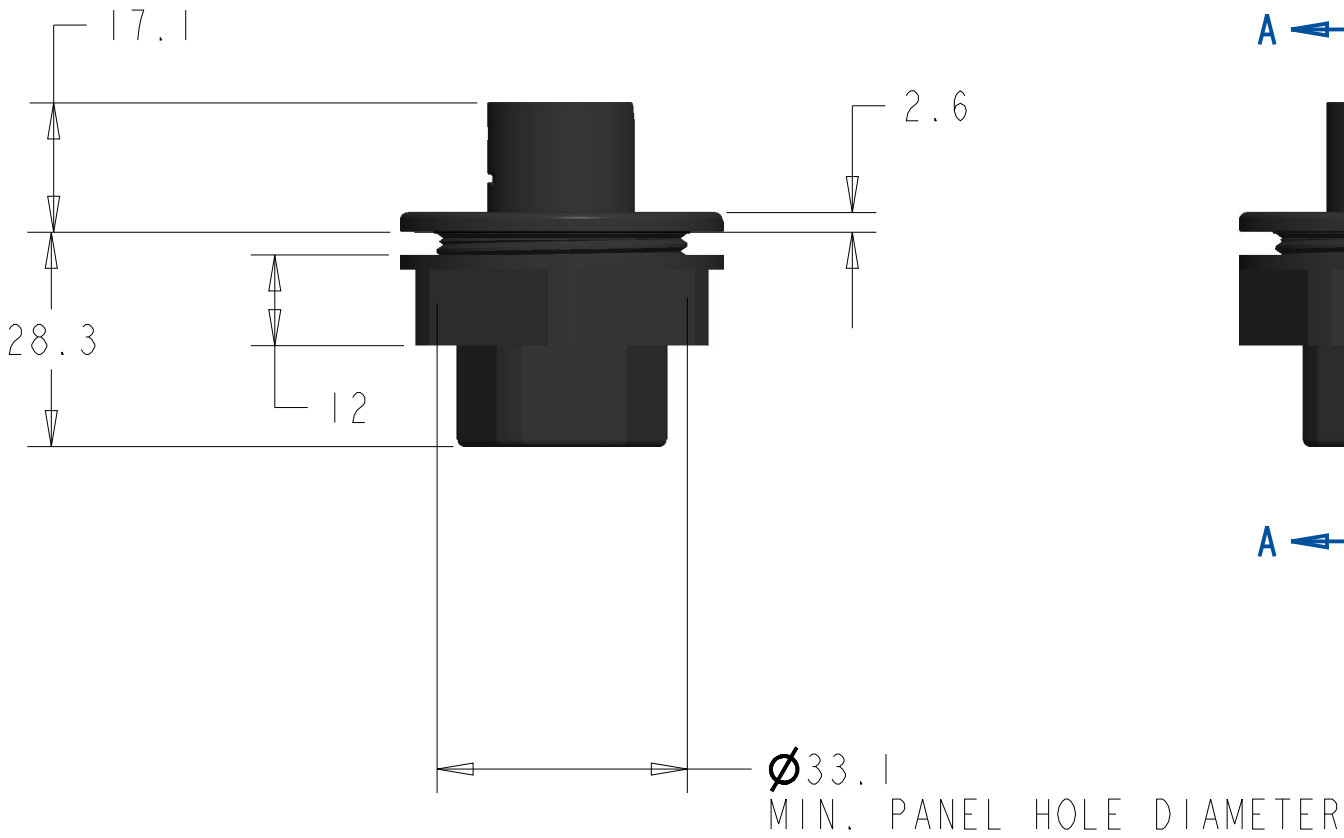
DUST CAP  
("DCAP" P/N SUFFIX)



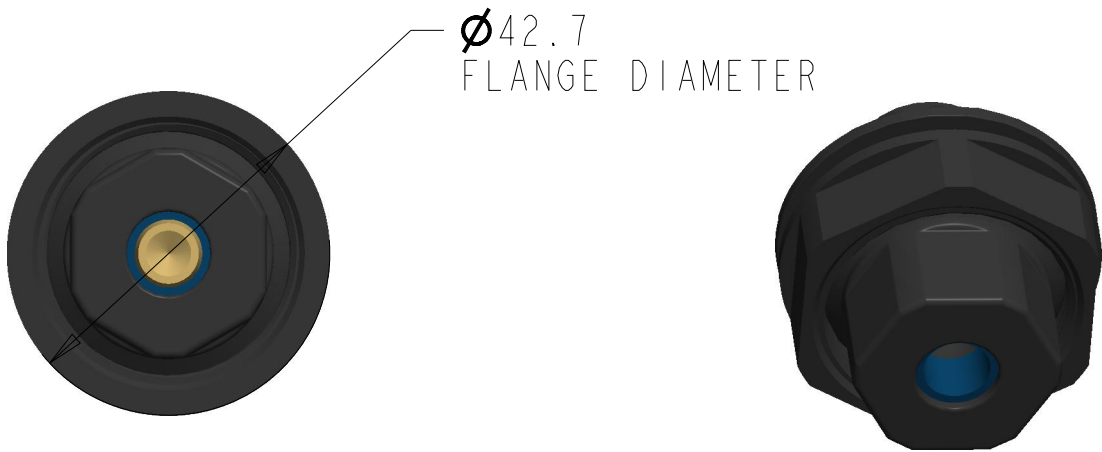
<div>PROJECT</div> <div>LunaPlugs</div> <div></div> <div><small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</small></div> <div></div>	<div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE +/- 0.1MM +/- 1°</div> <div>DO NOT SCALE</div> <div>SHEET A3 SIZE</div> <div>TITLE</div> <div>lcn-ec8x1-bhm.asm</div> <div>ASSEMBLY NUMBER:</div> <div>LCN-EC8X1-BHM</div>	<div>DRAWN BY</div> <div></div>	<div>DATE</div> <div>JUL 2023</div>
		<div>CHECKED BY</div> <div></div>	<div>DATE</div> <div></div>
		<div>APPROVED BY</div> <div></div>	<div>DATE</div> <div></div>
		<div>SCALE 0.500</div>	<div>SHEET 1 OF 5</div>
		<div>MASS (Kg):</div> <div></div>	
		<div>ISSUE</div> <div>E1.0</div>	

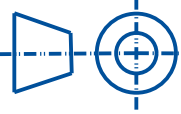

EC8x1 - BULKHEAD MALE - 6AWG CABLE

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



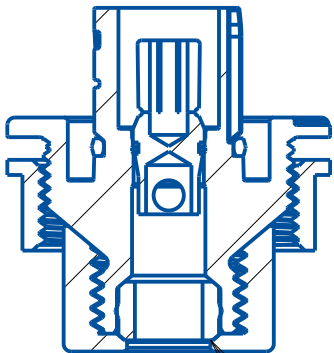
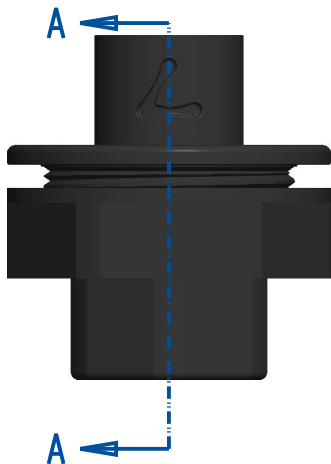
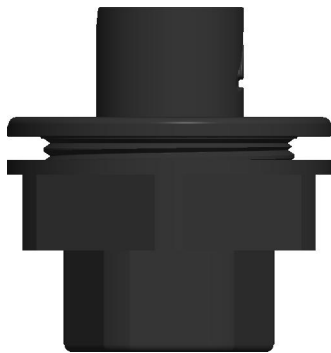
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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1.000	SHEET 2 OF 5 MASS (Kg): ISSUE E1.0

EC8x1 - BULKHEAD MALE - 8AWG CABLE

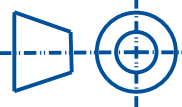

ID	P/N	SOURCE	QTY
1	LD22010402	LUNA DRIVES WEBSITE	1
2	M1-EC8X1-BHM-BODY	LD 3D PRINT	1
3	M1-EC8X1-BHM-LOCKNUT	LD 3D PRINT	1
4	M1-EC8X1-PMM-GLANDRET	LD 3D PRINT	1
5	M2-EC8X1-GLAND-SHORT-6AWG	LD 3D PRINT	1
6	M2-EC8X1-MALE-ORING	LD 3D PRINT	1



SECTION A-A

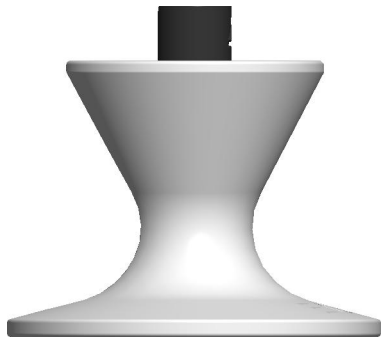
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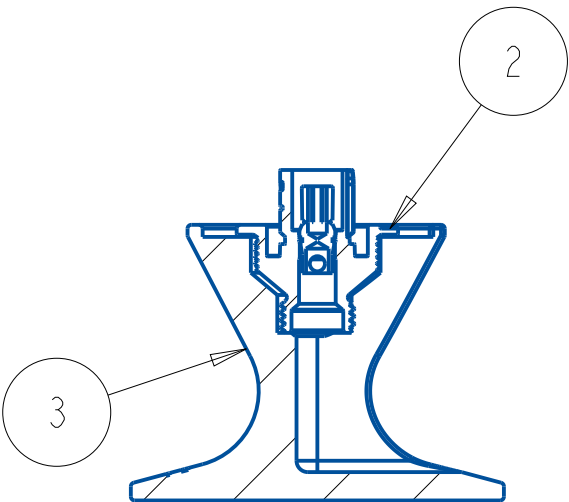
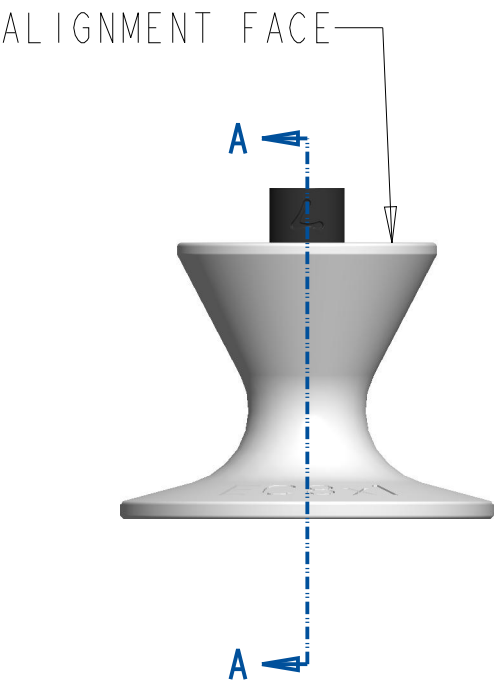
PROJECT LunaPlugs 	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE +/- 0.1MM +/- 1°  DO NOT SCALE SHEET A3 SIZE	DRAWN BY	DATE JUL 2023
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1.000	SHEET 3 OF 5
THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION 	TITLE lcn-ec8x1-bhm.asm		MASS (Kg):
	ASSEMBLY NUMBER: LCN-EC8X1-BHM		ISSUE E1.0

EC8x1 BULKHEAD 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-BHM-BODY	LD 3D PRINT	1
3	M3-EC8X1-PMM-TOOL-COMP	LD 3D PRINT	1



SCALE 0.500

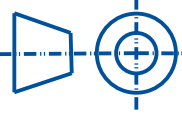



SECTION A-A



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

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

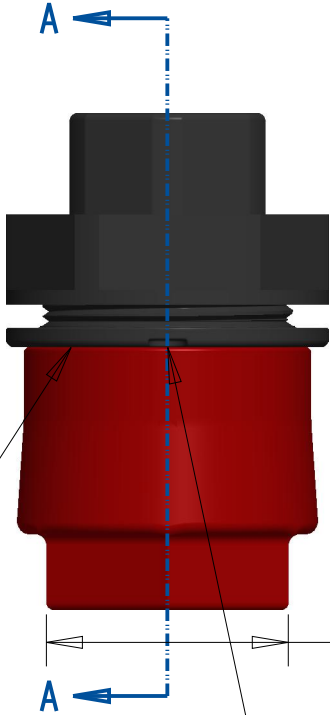
PROJECT LunaPlugs  <small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</small> 	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE +/- 0.1MM +/- 1°  DO NOT SCALE SHEET SIZE A3 TITLE lcn-ec8x1-bhm.asm ASSEMBLY NUMBER: LCN-EC8X1-BHM	DRAWN BY	DATE JUL 2023
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1.000	SHEET 4 OF 5 MASS (Kg): ISSUE E1.0

EC8x1 BULKHEAD MALE  
ASSEMBLY TIGHTENING TOOL:

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

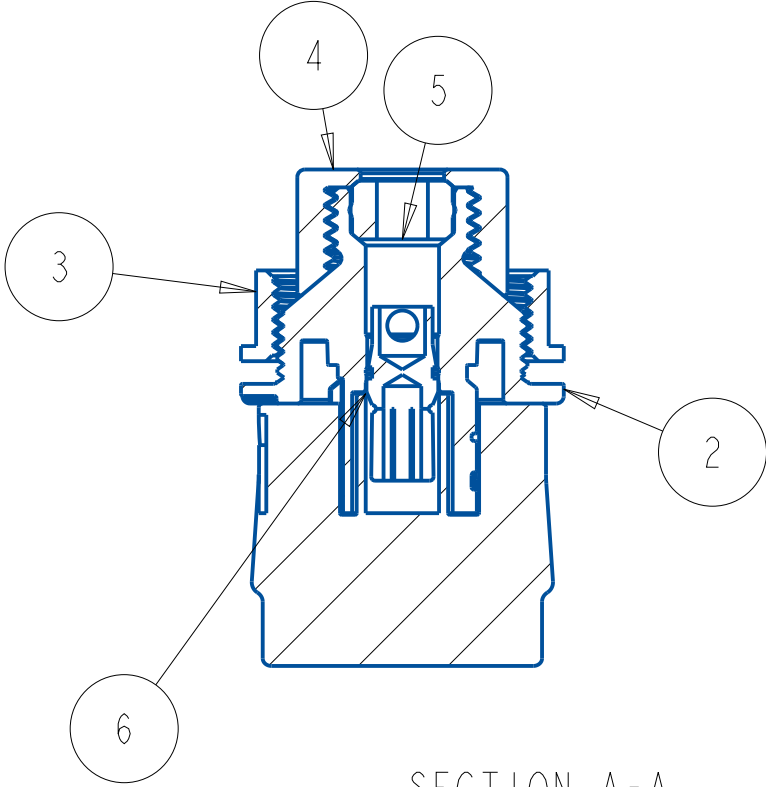


ALIGNMENT FACES

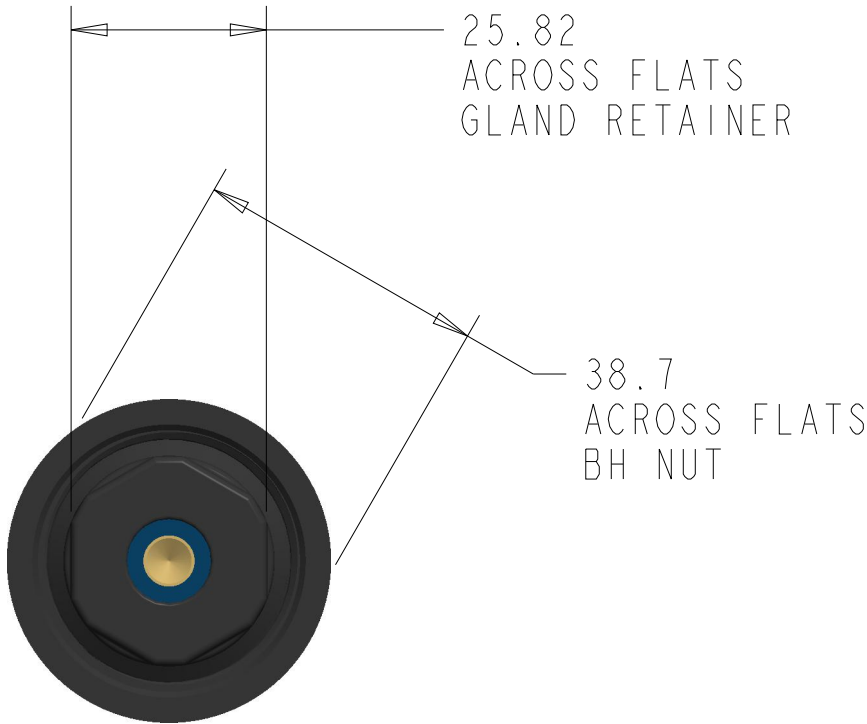


32  
ACROSS FLATS  
T FIXTURE

POKE YOKE ALIGNMENT  
ARROW AND NOTCH

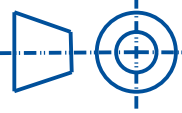



SECTION A-A



25.82  
ACROSS FLATS  
GLAND RETAINER

38.7  
ACROSS FLATS  
BH NUT

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