

ITEM NO.	3D FILE NAME	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	01_hsg_top		TOP HOUSING	NORY GFN2	1
2	01_hsg_bottom		BOTTOM HOUSING	NORY GFN2	1
3	Outpour-Cell-93111		BATTERY ASSEMBLY		1
4	PCB, afridev2		PCB ASSEMBLY		1
5	foam, afridev2 pcba		FOAM PAD PCB		1
6	outpour-afridev-outer-o-ring		O-RING	PARKER PART# N0299 2-354	1
7	90116A155		316 STAINLESS STEEL PAN HEAD PHILLIPS SCREWS M3 X 0.50 MM THREAD, 10MM LONG		2
8	94150A325		316 STAINLESS STEEL NYLON-INSERT LOCKNUT SUPER-CORROSION-RESISTANT, M3 X 0.5 MM THREAD		2
9	01_nutplate_internal		NUT PLATE INTERNAL		1
10	01_nutplate_flat_1		NUT PLATE EXTERNAL		1
11	01_large_oring		O-RING	2-440; 50 DURO NBR. PARKER PART # N0299 2-440	1
12	01_small_oring		O-RING	5-979 50 DURO NBR. PARKER PART # N0299 5 979	1
13	90116A317		316 STAINLESS STEEL PAN HEAD PHILLIPS SCREWS M6 X 1.00 MM THREAD, 25MM LONG		8
14	90116A213		316 STAINLESS STEEL PAN HEAD PHILLIPS SCREWS M4 X 0.70 MM THREAD, 16MM LONG		5
15	label_or		LABEL OR		1
16	barcode_label		LABEL BARCODE		1
17	92773A104		18-8 STAINLESS STEEL SUPER-CORROSION-RESISTANT HEX HEAD SCREW M12 X 1.75 MM THREAD, 120 MM LONG, PARTIALLY THREADED		4
18	foam-battery		FOAM PAD BATTERY		2
19	91287A204		316 STAINLESS STEEL SERRATED FLANGE LOCKNUT SUPER-CORROSION-RESISTANT, M12 X 1.75 MM THREAD		4
20	FOOD GRADE THREAD LOCKER			LOCTITE 2046	A/R

SCALE  
1:5

MATERIAL  
SEE BOM

FINISH  
NONE

CAD FILENAME  
001\_Outpour-afridev3

PROPRIETARY  
THIS DOCUMENT CONTAINS PROPRIETARY DATA OF INTELLIGENT PRODUCT SOLUTIONS.  
NO DISCLOSURE, REPRODUCTION OR USE OF ANY PART THEREOF MAY BE MADE EXCEPT BY WRITTEN PERMISSION FROM INTELLIGENT PRODUCT SOLUTIONS.

TOLERANCES  
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES  
REMOVE ALL BURRS AND BREAK SHARP EDGES  
FRACTIONS ± 1/16  
1 PLACE ± .010  
2 PLACE ± .005  
3 PLACE ± .003  
FILLET RADIUS: .010 MAX  
THREADS: CLASS 2  
DIA CONC WITHIN \_\_\_\_ T.I.R.  
ALL OTHER DIA CONC WITHIN .005 T.I.R.  
SURFACES TO BE PERPENDICULAR WITHIN .005 T.I.R.  
SURFACES TO BE PARALLEL WITHIN .005 T.I.R.  
HOLE ANGULAR TOLERANCE ± \_\_\_\_  
ALL OTHER ANGULAR TOLERANCE ± 0-30°

Intelligent Product Solutions

PREPARED  
GUNA.K

DATE  
1/15/17

ENGINEER  
HILARY.F

TITLE  
OUTPOUR ASSEMBLY  
AFRIDEVI3

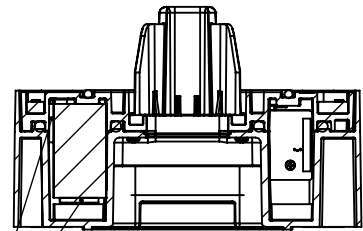
SIZE  
B

DRAWING NUMBER

SHEET  
1 OF 2

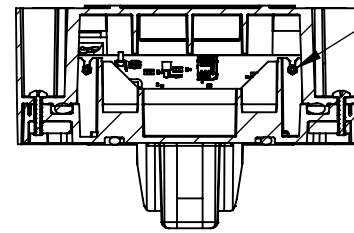
REV  
1

UNCONTROLLED DOCUMENT  
REVISION BEFORE USING  
VERIFY LATEST



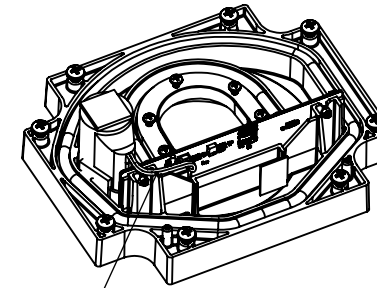
SECTION A-A

SEE NOTE 2  
AND 3

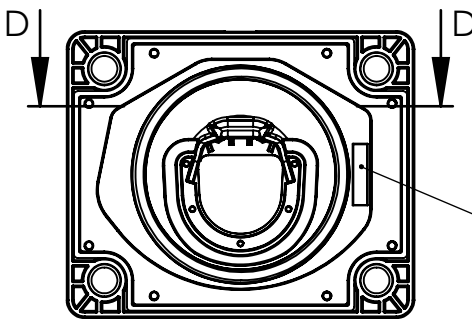


SECTION D-D

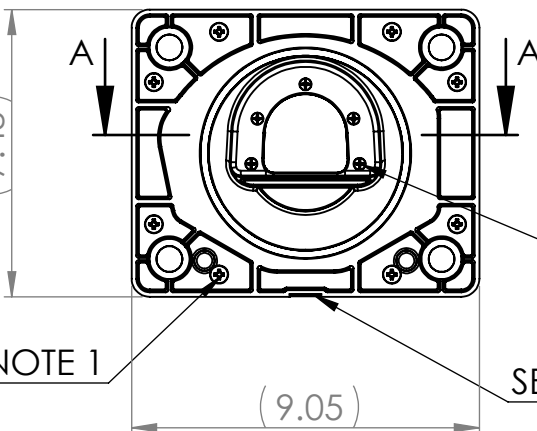
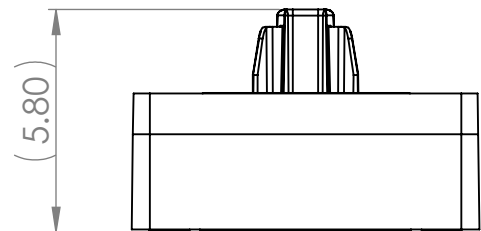
SEE NOTE 2



SEE NOTE 6



SEE NOTE 2 AND 3



SEE NOTE 2

SEE NOTE 1

SEE NOTE 2 AND 3

(9.05)

**NOTES:**

- PART SHOULD BE CLEAN AND FREE FROM FOREIGN MATERIAL, DIRT, OIL, GREASE, OR OTHER CONTAMINANTS.
- ASSEMBLY INSTRUCTIONS:  
ASSEMBLE ITEM 13 (SCREW) TO ITEM 2 (BOTTOM HOUSING). TORQUE TO 10 +/- 0.25 INCH-LBS  
ASSEMBLE ITEM 14 (SCREW) TO ITEM 2 (BOTTOM HOUSING). TORQUE TO 7 +/- 0.25 INCH-LBS  
ASSEMBLE ITEM 7 (SCREW) TO ITEM 8 (LOCK NUT). TORQUE TO 10 +/- 0.25 INCH-LBS  
REMOVE ADHESIVE LINER AND ADHERE ITEM 16 (BARCODE LABEL) TO ITEM 2 (BOTTOM HOUSING) PEEL THE RELEASE LINER  
REMOVE ADHESIVE LINER AND ADHERE ITEM 15 (OR LABEL) TO ITEM 2 (BOTTOM HOUSING) PEEL THE RELEASE LINER  
REMOVE ADHESIVE LINER AND ADHERE ITEM 5 (FOAM PAD) TO ITEM 4 (PCB) PEEL THE RELEASE LINER  
REMOVE ADHESIVE LINER AND ADHERE ITEM 23 (FOAM PAD) TO ITEM 3 (BATTERY) PEEL THE RELEASE LINER  
USE THREAD LOCKER ON ALL SCREWS
- ASSEMBLY INSTRUCTION: CLEAN HOUSING WITH A 50/50 MIXTURE OF ISOPROPYL ALCOHOL AND WATER PRIOR TO ADHERING LABEL OR FOAM PAD
- DIMENSIONS SHOWN ACROSS A CENTERLINE ARE SYMMETRICAL ABOUT THE CENTERLINE WITHIN SPECIFIED TOLERANCE.
- CRITICAL CHARACTERISTICS ARE IDENTIFIED BY A RACEWAY (X.XXX) AROUND THE CHARACTERISTIC.
- ROUTE BATTERY CABLE AND CONNECT AS SHOWN.
- BAG SEPERATE ITEM #17(HEX BOLT) AND ITEM# 19(LOCK NUT)

IPS Intelligent Product Solutions			
TITLE			
OUTPOUR ASSEMBLY AFRIDEVI3			
SIZE	DRAWING NUMBER	SHEET	REV
B		2 OF 2	1