

Third angle projection




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250 EAST MAIN STREET,
STRATFORD, CT 06614

Instruments

Item	Qty.	Part No.	Description	Material	Finish	Dw g. No.	Used On
1	---	238A680-01	Label, product	-----	-----	-----	53D357



WIRELESS XMITR
Model: **XW - 1** S/N:
Lithium Battery 3V

Telemetric Equipment for Use In Hazardous Locations
Class I Div 2 Groups A B C D
 **US LISTED** IC:6153A-XW1WPF
5M55 FCC ID **TO3-XW1-ASHWF**
WARNING - EXPLOSION HAZARD - BATTERIES MUST
ONLY BE CHANGED IN 'NON-HAZARDOUS' AREA

SEE NOTE 8

1.065

1.065

- NOTES:
1. USE LABEL (BLANK) P/N 238A663-01.
 2. MAT'L: 3M 7872 - 2.0 MIL MYLAR.
ADHESIVE: 3M-300 HIGH STRENGTH.
COLOR: SILVER.
FINISH: MATTE.
INTENDED TO LAST LIFE-TIME OF THE PRODUCT, UL APPROVED.
PURCHASE DECALS AS ROLLS OF BLANKS ONLY.
 3. CENTERED ON 1.375" WIDE ROLLS, 1.2" CENTER TO CENTER.
 4. FONT AND TEXT LAYOUT AS SHOWN.
 5. CREATE ARTWORK FILES , USING 238A680.BMP FILE.
 6. TEXT BLACK.
 7. PLACE CUSTOMER LOGO, IF REQUIRED.

REV	ECO	DESCRIPTION	BY	DATE
1				

DIMENSIONAL TOLERANCES
UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES

TOLERANCES ARE:

3 place decimal .000 ±.007
2 place decimal .00 ±.015
1 place decimal .0 ±.030

Angle ± 1 deg Chamfer ± 5 deg

DO NOT SCALE DRAWING

LABEL, PRODUCT
XW-1
WIRELESS XMITR

SIZE

DWG. NO.

REV.

A

238A680

4

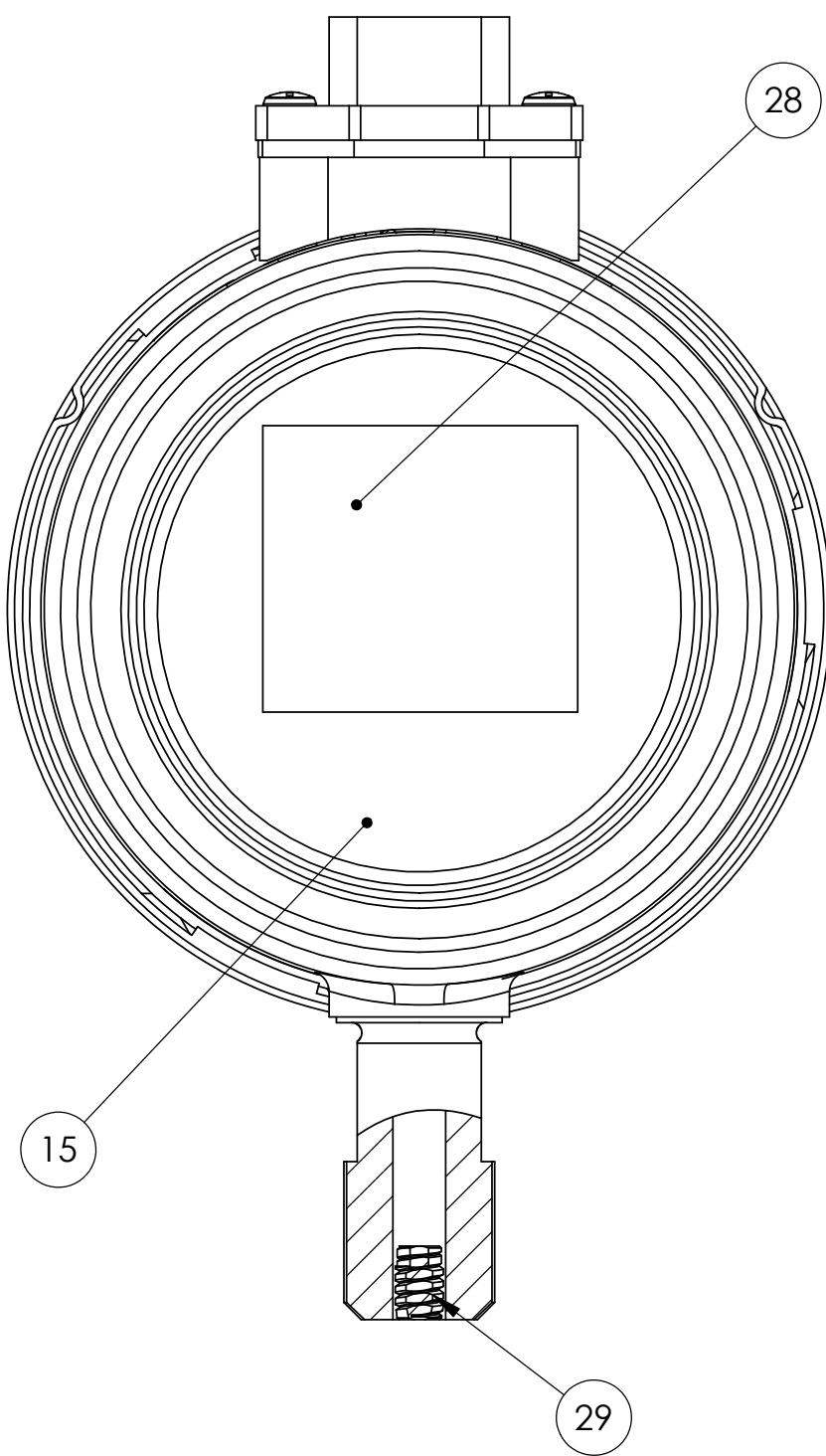
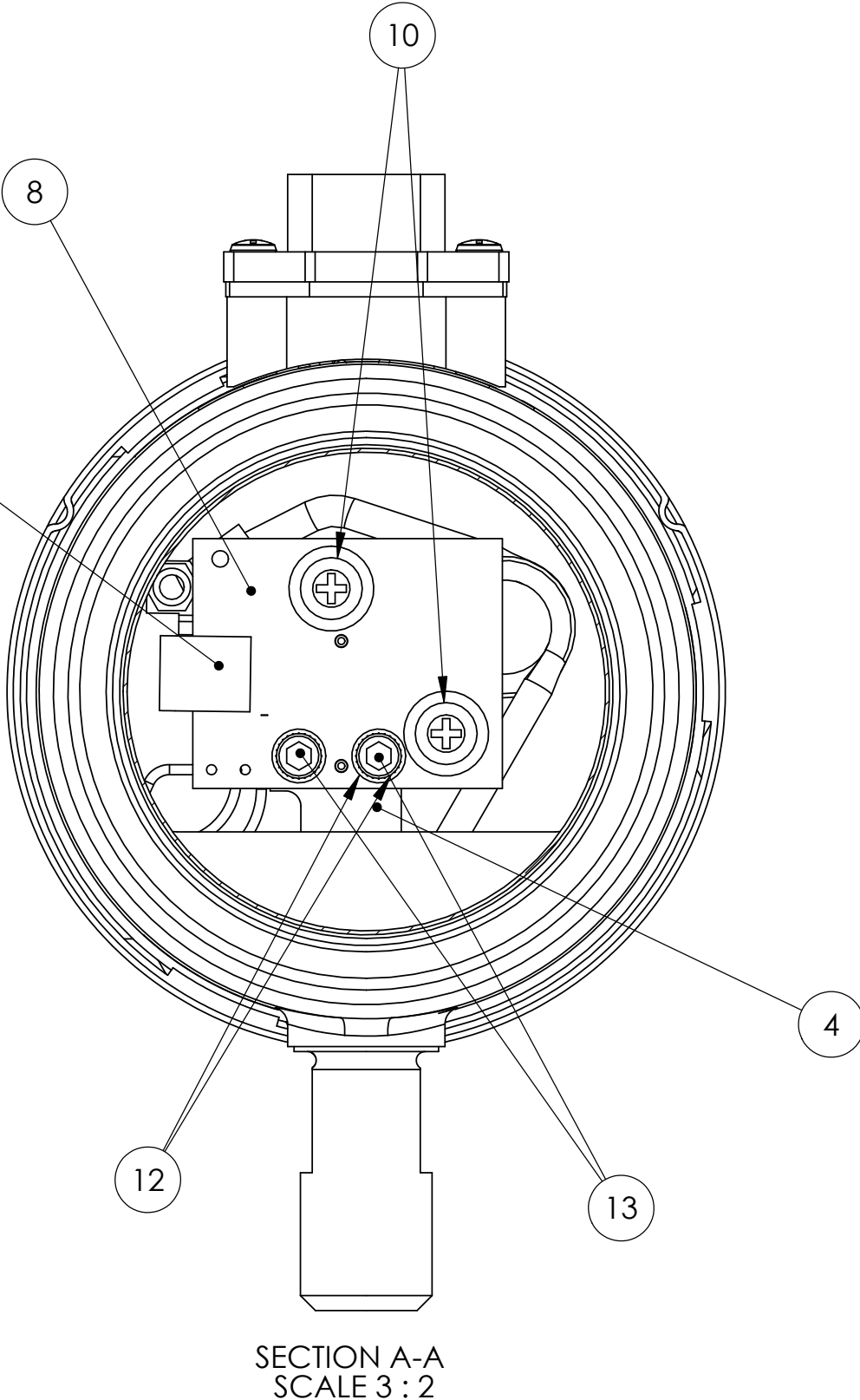
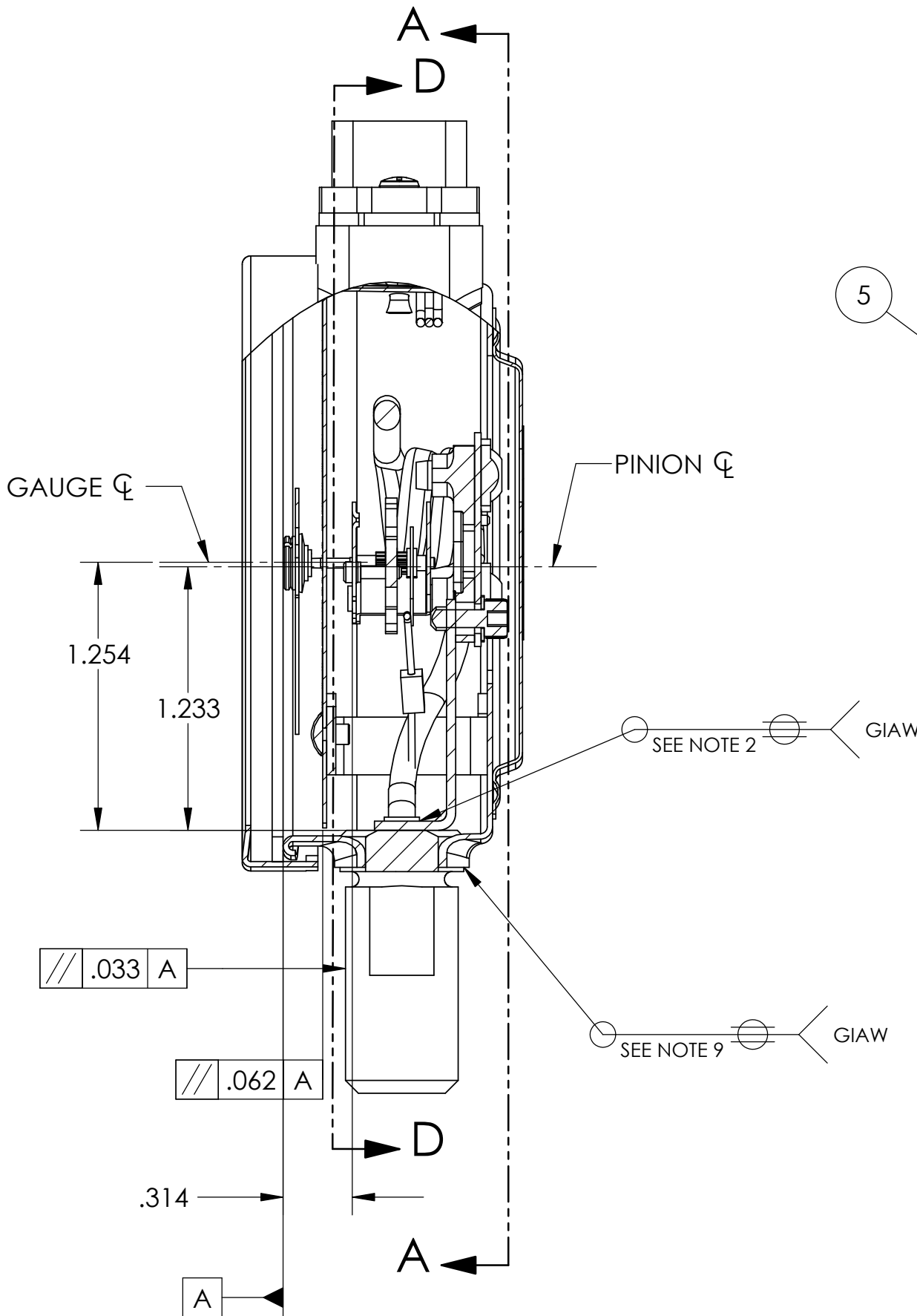
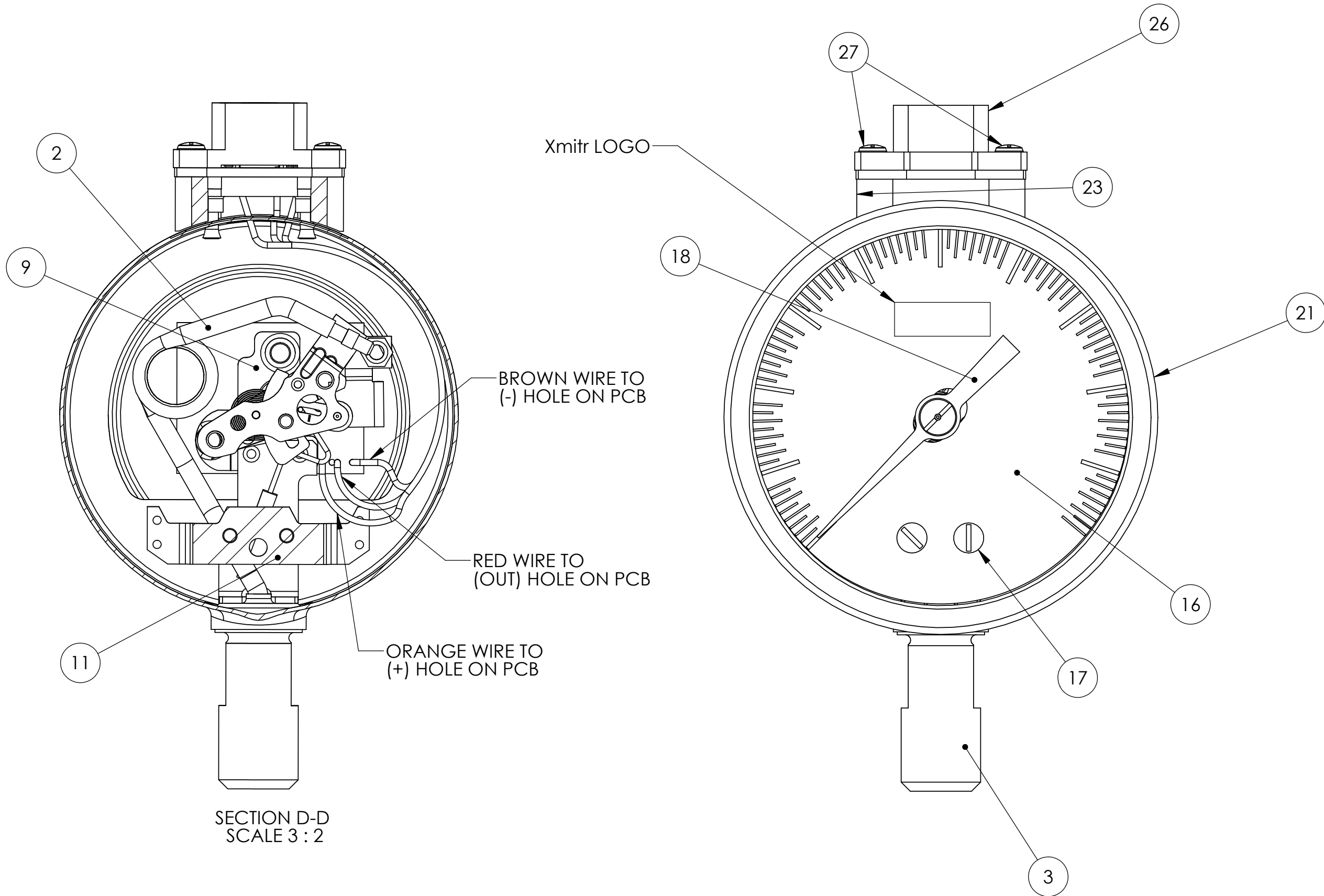
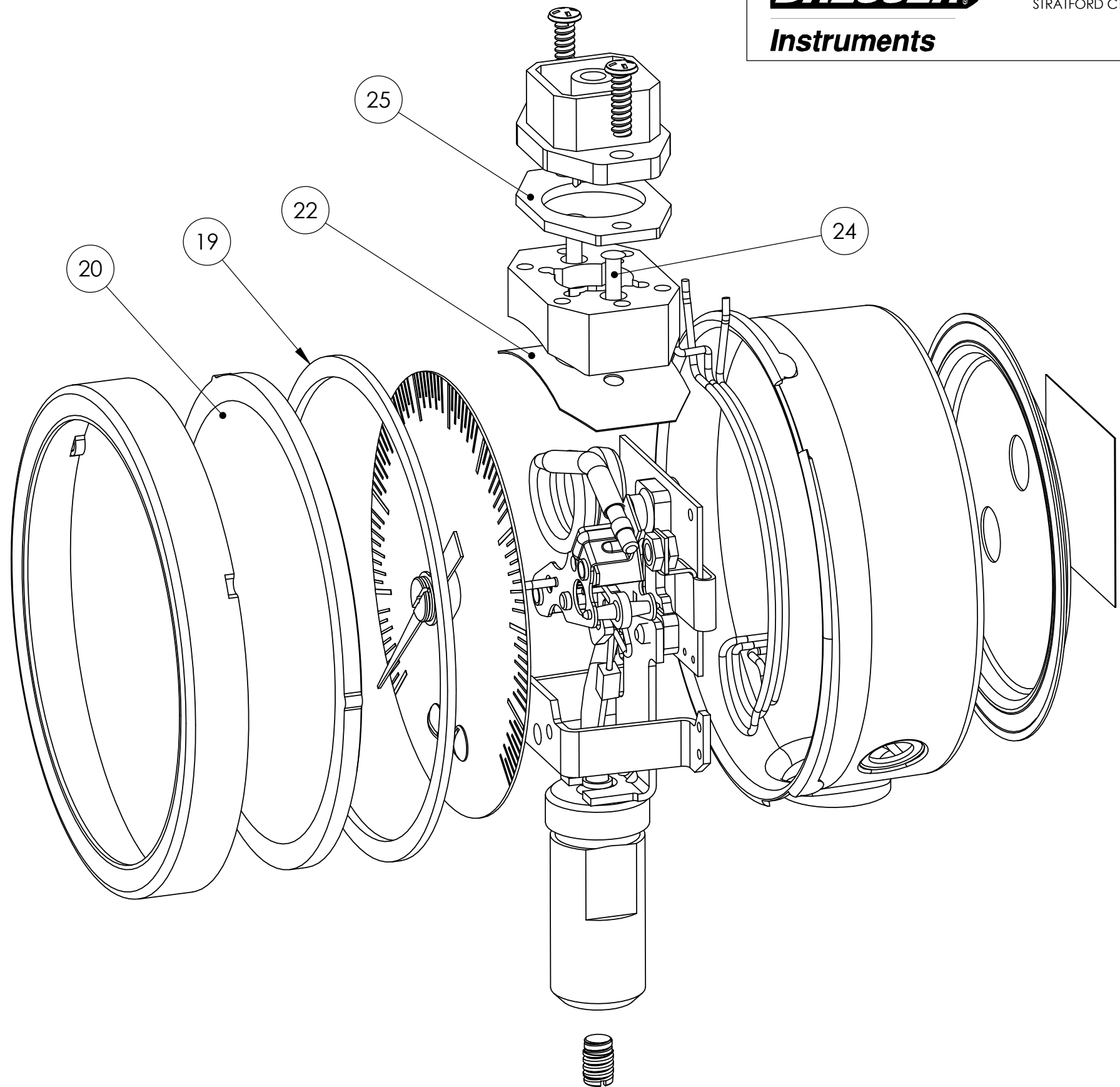
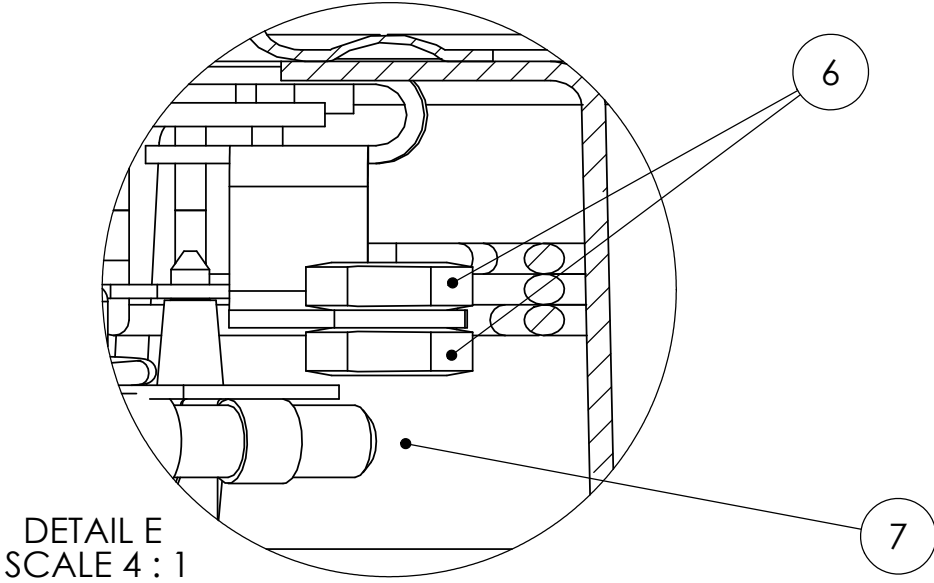
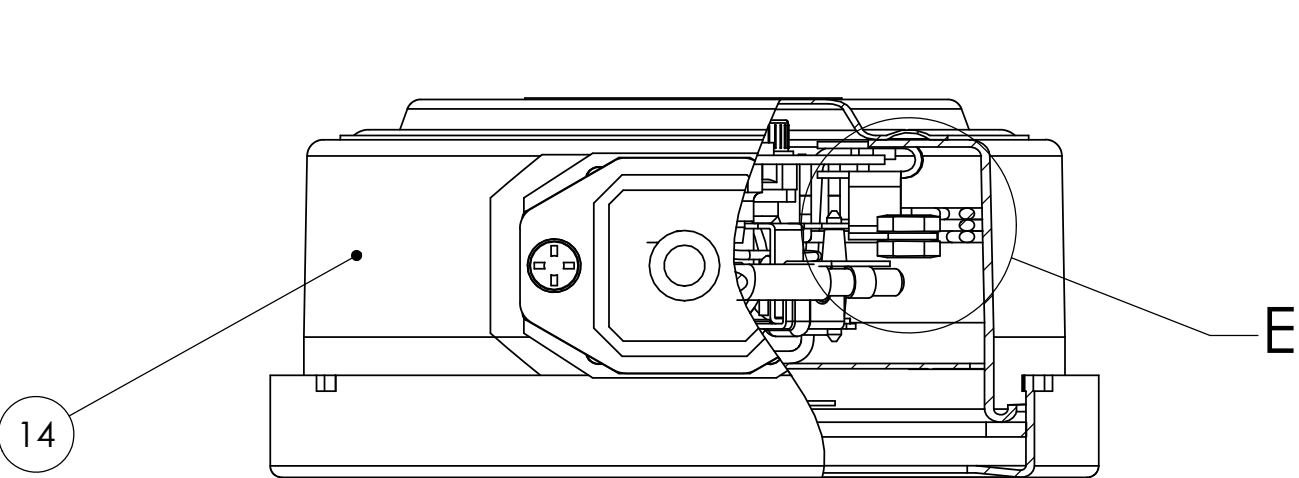
Scale 1:1 Sheet 1 of 1

Item	Qty	Part No	Description	Dwg. No.
1		053D357-01	Pressure Gauge	053D357
2	1	NOTE 1	Uni-system Assembly	NOTE 1
3	1	350B140-01	1/4 NPT Socket	350B140
4	1	287C578-02	Bracket	287C578
5	1	198B117-01	Flag	198B117
6	2	117A227-01	Flag Nut	117A227
7	1	110A136-01	Tip Stud	110A136
8	1	313C711-01	PCB Assembly	313C711
9	1	270C308-02	Carrier	270C308
10	2	112A612-01	Spoiler Screw	112A612
11	1	287C358-01	Bracket	287C358
12	2	122A257-01	Washer	122A257
13	2	112A616-01	PCB Mounting Screw	112A616
14	1	480C266-03	Case	480C266
15	1	302C281-01	Rear Cover	302C281
16	1	214B788-01	Dial (Print per range code)	214B788
17	2	112A314-01	Screw	112A314
18	1	244B442-05	Pointer Assembly	244B442
19	1	124A262-02	Gasket	124A262
20	1	131B306-02	Window	131B306
21	1	2AV1744-01	Ring	2AV1744
22	1	124C375-01	Gasket	124C375
23	1	141C436-10	Machined Block	141C436
24	2	259A115-01	Rivet	259A115
25	1	124A239-01	Gasket	124A239
26	1	304B001-03	Connector Assembly	304B001
27	2	112A618-01	Screw	112A618
28	1	238A680-01	Label	238A680
29	1	NOTE 18	Throttle plug	NOTE 18

NOTES:

ASSEMBLY/CALIBRATION PROCEDURE FOR PRESSURE GAUGE, WIRELESS XMTR.

- 1) SELECT A UNI-SYSTEM, ACCORDING TO PRESSURE RANGE, PER DWG. #381D016 FOR LOWER PRESSURE RANGES (VAC TO 600PSI) AND DWG. #381D006 HIGH PRESSURE RANGES (800 TO 10000PSI).
- 2) WELD UNI-SYSTEM (ITEM 2) TO SOCKET (ITEM 3) PER WORK INSTRUCTIONS WI #189-01L.
- 3) WELD BRACKET (ITEM 4) TO SOCKET.
- 4) WELD TIP STUD (ITEM 7) TO TUBE TIP.
- 5) PREPARE PCB AS FOLLOWS:
 - a) MOUNT CARRIER (ITEM 9) ON PCB ASSEMBLY (ITEM 8) PER WI #189-107.
 - b) INSTALL SPOILER SCREW (ITEM 10), 2 PCS. AND NYLON WASHER (ITEM 28), 2 PCS. ON PCB.
 - c) BALANCE THE PCB ELECTRICAL OUTPUT PER WI #189-107.
- 6) MOUNT THE BALANCED PCB ASSEMBLY TO THE L-BRACKET, USING PCB MOUNTING SCREW (ITEM 13), 2 PCS.
- 7) INSTALL FLAG (ITEM 5), USING FLAG NUT (ITEM 6), 2 PCS. AND SET ELECTRICAL OUTPUT PER WI #189-107
- 8) PREPARE CASE ASSEMBLY AS FOLLOWS: ATTACH MOUNTING BLOCK (ITEM 23) AND GASKET (ITEM 22) TO CASE (ITEM 14), USING RIVET (ITEM 24), 2 PCS. PER WI #189-00.
- 9) WELD CASE ASSEMBLY TO SOCKET PER WI #189-02.
- 10) WELD BRACKET (ITEM 11) TO CASE PER WI #189-09.
- 11) MOUNT DIAL (ITEM 16), USING SCREW (ITEM 17), 2 PCS. MOUNT POINTER ASSEMBLY (ITEM 18) AND CALIBRATE PER WI #189-03.
- 12) INSTALL WINDOW (ITEM 20), GASKET (ITEM 19) AND RING (ITEM 21) TO THE CASE PER WI #189-06.
- 13) CONNECT ELECTRICAL CONNECTOR ASSEMBLY (ITEM 26) TO THE PCB AS SHOWN IN VIEW D-D AND MOUNT IT AND GASKET (ITEM 25) TO THE MACHINED BLOCK (ITEM 23) USING SCREW (ITEM 27), 2 PCS.
- 14) MOUNT REAR COVER (ITEM 15) TO CASE PER WI #189-107.
- 15) CALIBRATE ELECTRICAL OUTPUT OF THE UNIT PER WI #189-107.
- 16) ATTACH LABEL (ITEM 29) TO THE BACK OF UNIT AS SHOWN.
- 17) FOR OXYGEN SERVICE GAUGES ONLY: SUBMIT TO OXYGEN CLEANING PROCEDURE # 93A156.
- 18) SELECT APPROPRIATE THROTTLE PLUG FOR ASSEMBLY: FOR STANDARD APPLICATION S USE P/N 118A108-01, FOR OXYGEN APPLICATIONS USE P/N 118B111-01.



REV	ECO	DESCRIPTION	BY	DATE

CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE.	
DRAWN: Blatherwick	DATE: 06-30-05

Third angle projection	
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TOLERANCES ARE:	
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3 place decimal .000 ±.007	
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1 place decimal .0 ±.030	
chamfer 1:1	
UNLESS SPECIFIED ALL DIMENSIONS ARE IN INCHES	
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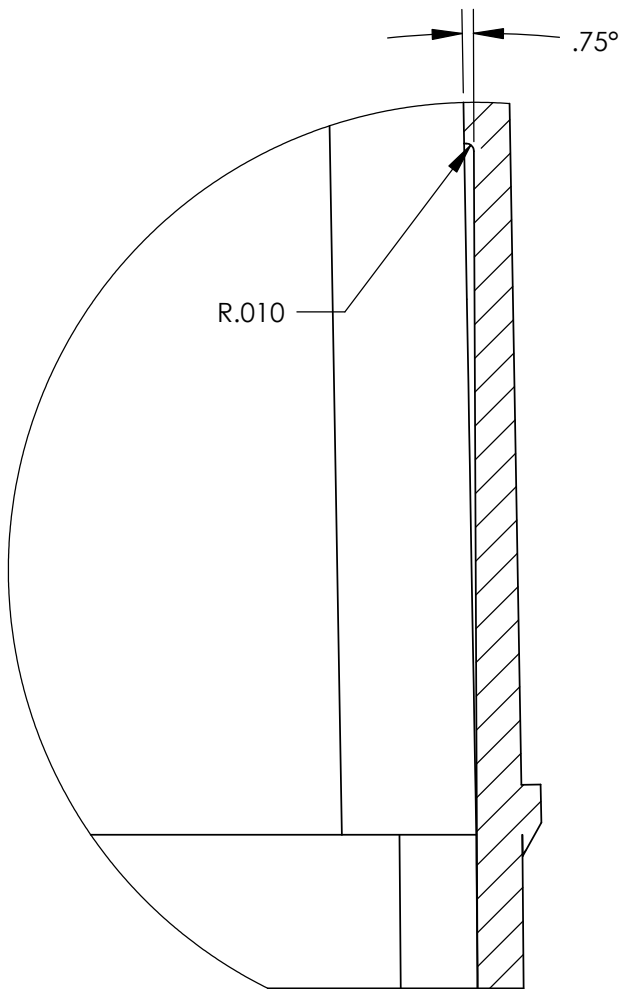
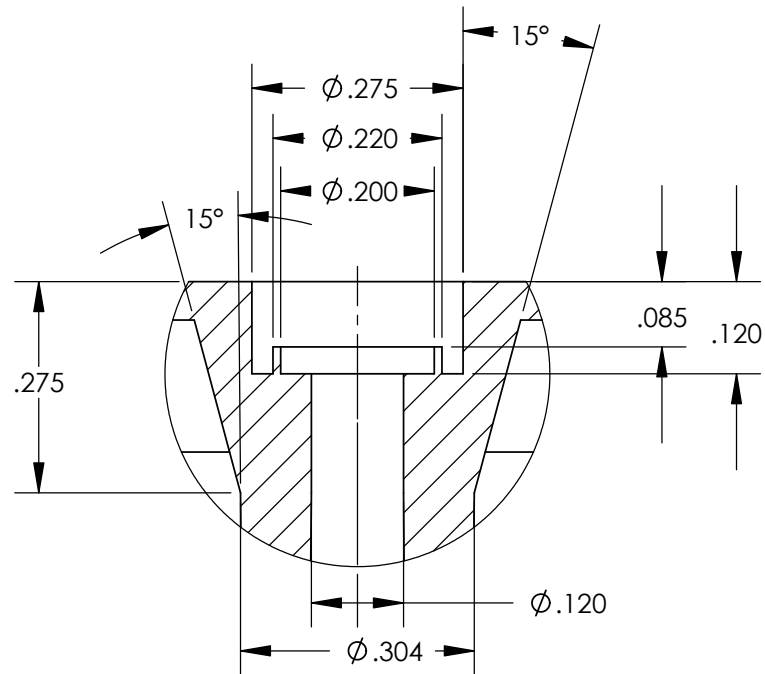
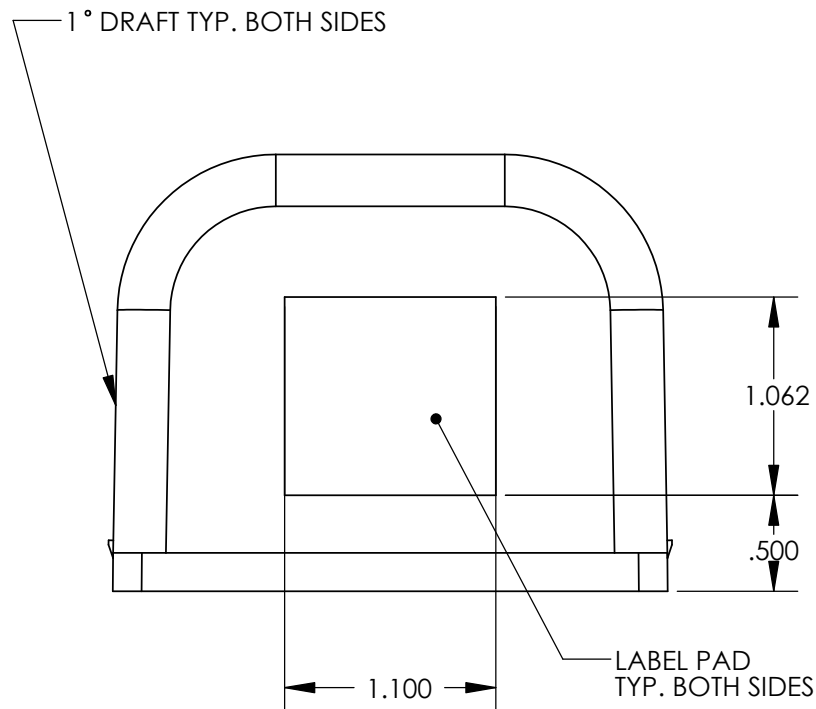
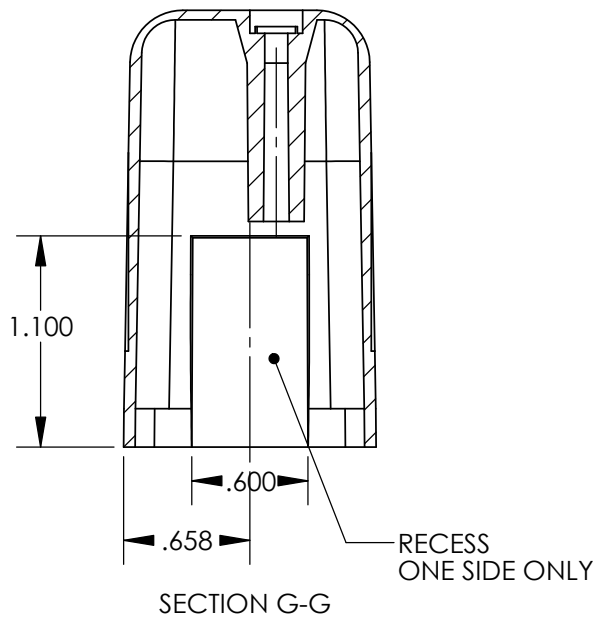
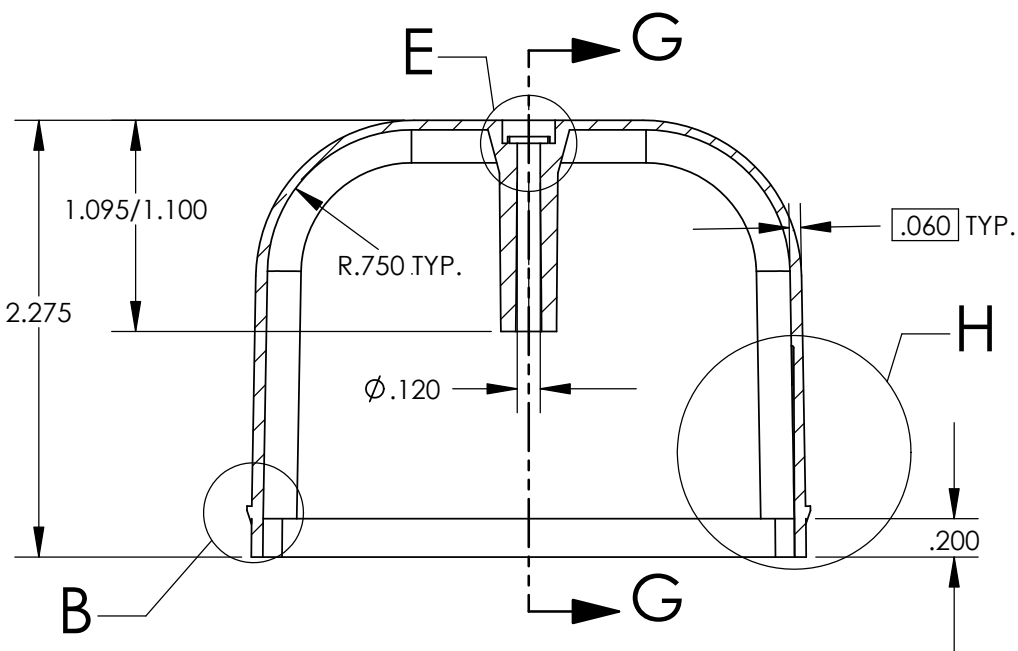
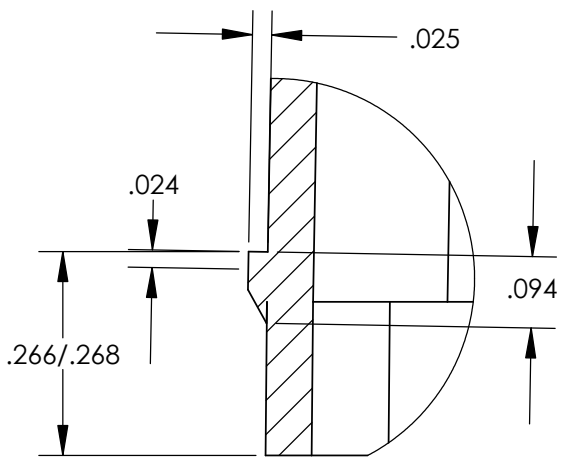
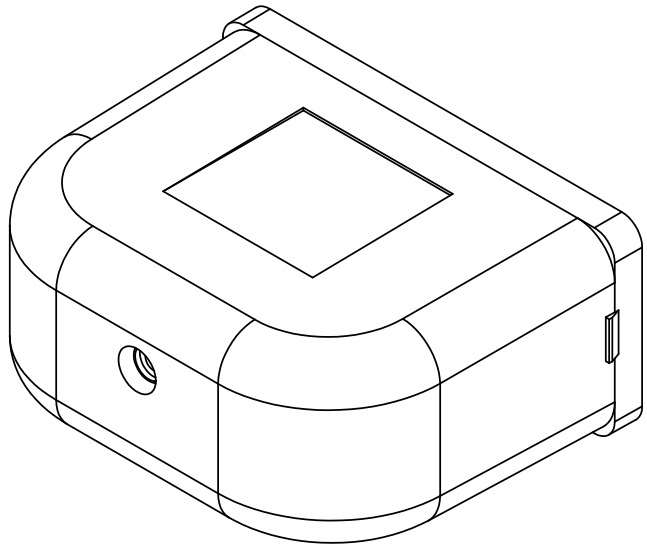
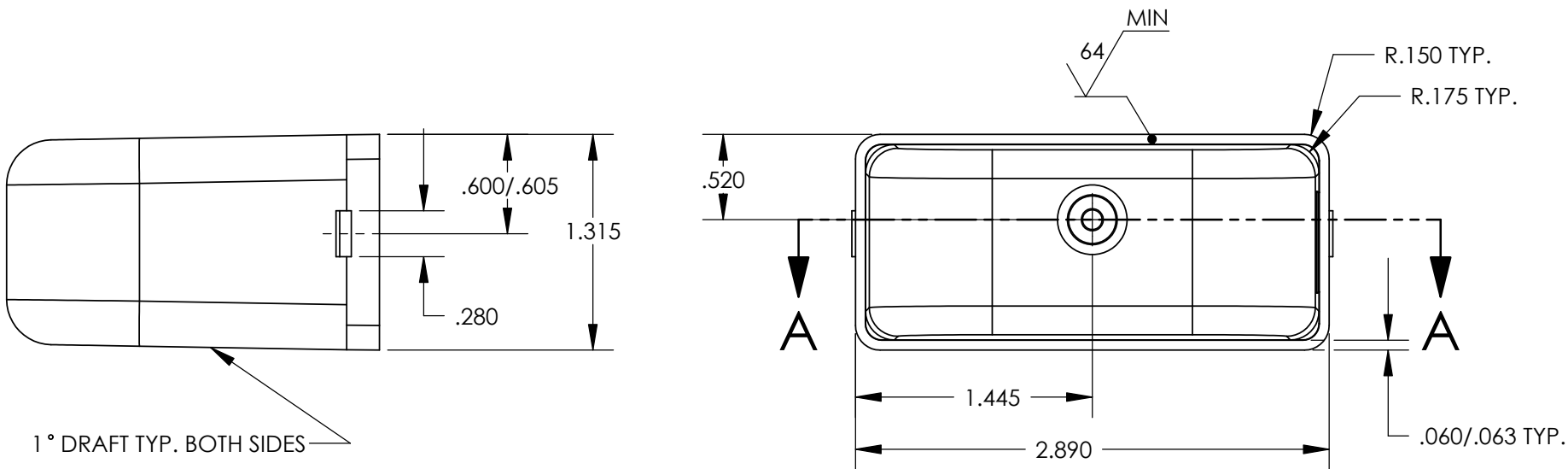
Pressure Gauge,
Wireless Xmitr

SIZE: D	DWG. NO.: 053D357	REV: 3
SCALE 3:2	SHEET 1 OF 1	

Item	Qty	Part No	Description	Material	Finish	Dwg. No.	Used On
1		560C728-01	UPPER HOUSING				



250 EAST MAIN STREET,
STRATFORD, CT 06614



NOTES:

- MAT'L: LEXAN 500, 10%GF, UL 94 V-0 RATED.
- COLOR: GREY, PMS REFERENCE # 427U.
- FINISH: POLISHED, UNLESS OTHERWISE SPECIFIED.
- DRAFT: 0.5°, UNLESS OTHERWISE SPECIFIED.

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DRAWN BY	DATE
Blatherwick	07-01-05

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2 place decimal .00	±.015	
1 place decimal .0	±.030	
angle ± 1 deg		±.030
chamfer ± 5 deg		unless specified all dimensions are in inches
DO NOT SCALE DRAWING		

ENCLOSURE COVER, WIRELESS XMTR

SIZE	DWG. NO.	REV.
C	860C728	2
SCALE 1:1		SHEET 1 OF 1