

REV	DWG NO	MAXIMUM INTERNAL RADIUS - .016 BREAK EDGES .010 X 45° MAXIMUM DIM AND TOL APPLY BEFORE FINISH CONCENTRICITY -.008 TIR UNLESS OTHERWISE NOTED	SURFACE	HOLE	DIAMETER/ LINEAR DIMENSIONS	>.100 <.100	>1.00 <1.00	>5.00 <5.00	>12.00 <12.00	>36.00 <36.00	RADII/ CHAMFER DIMENSION	>.016 <.125	>.125 <.250	>.250 <1.00	>1.00 <5.00	>5.00 <12.00	ANGULAR SHORTEST SIDE DIM	>.016 <.500	>24.0 <24.0	>48.0 <48.0	
03	80-00245-01		63 32	TOLERANCE ±.003	TOLERANCE	±.005	±.010	±.015	±.020	±.050	TOLERANCE	±.005	±.010	±.016	±.063	±.125	TOLERANCE	±1°	±0.5°	±0.3°	±0.2°

UNIQUE PARTS LIST CHART						
SYMBOL	DESCRIPTION	ITEM	PART NUMBER	BILL OF MATERIALS AND QUANTITIES		
				HTB3436F7	HTB3638F7	HTB3335F7
				23-00076-01	23-00077-00	23-00078-00
B1	PCA, ASSY	3	33-00030-01 33-00048-00 33-00046-00	1 1 1	1 1 1	1 1 1
B2	LABEL PRINT ON DEMAND	11	50-00638-00 50-00735-00 50-00764-00	1 1 1	1 1 1	1 1 1
B3	SCREW	24	60-00341-00	8	4	4
B4	PAD, EMI	13	50-00684-00	1	1	1
B5	PAD, EMI	14	50-00685-00	1	1	1
B6	PAD, EMI	27	50-00781-00	1	1	1

SEE NOTE 2

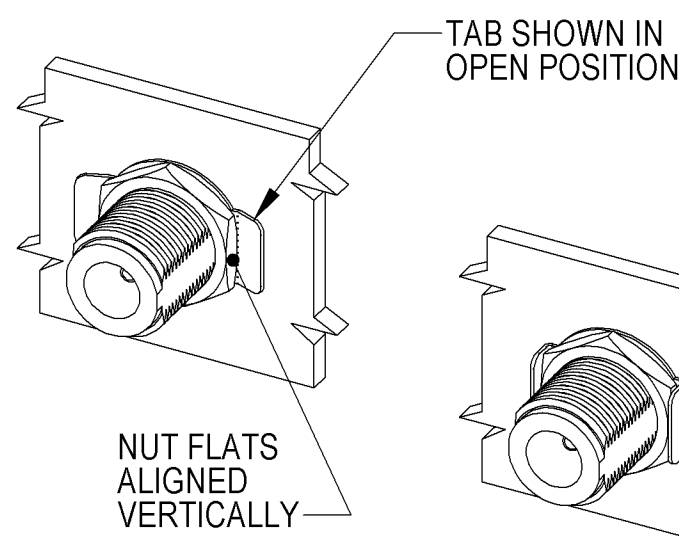
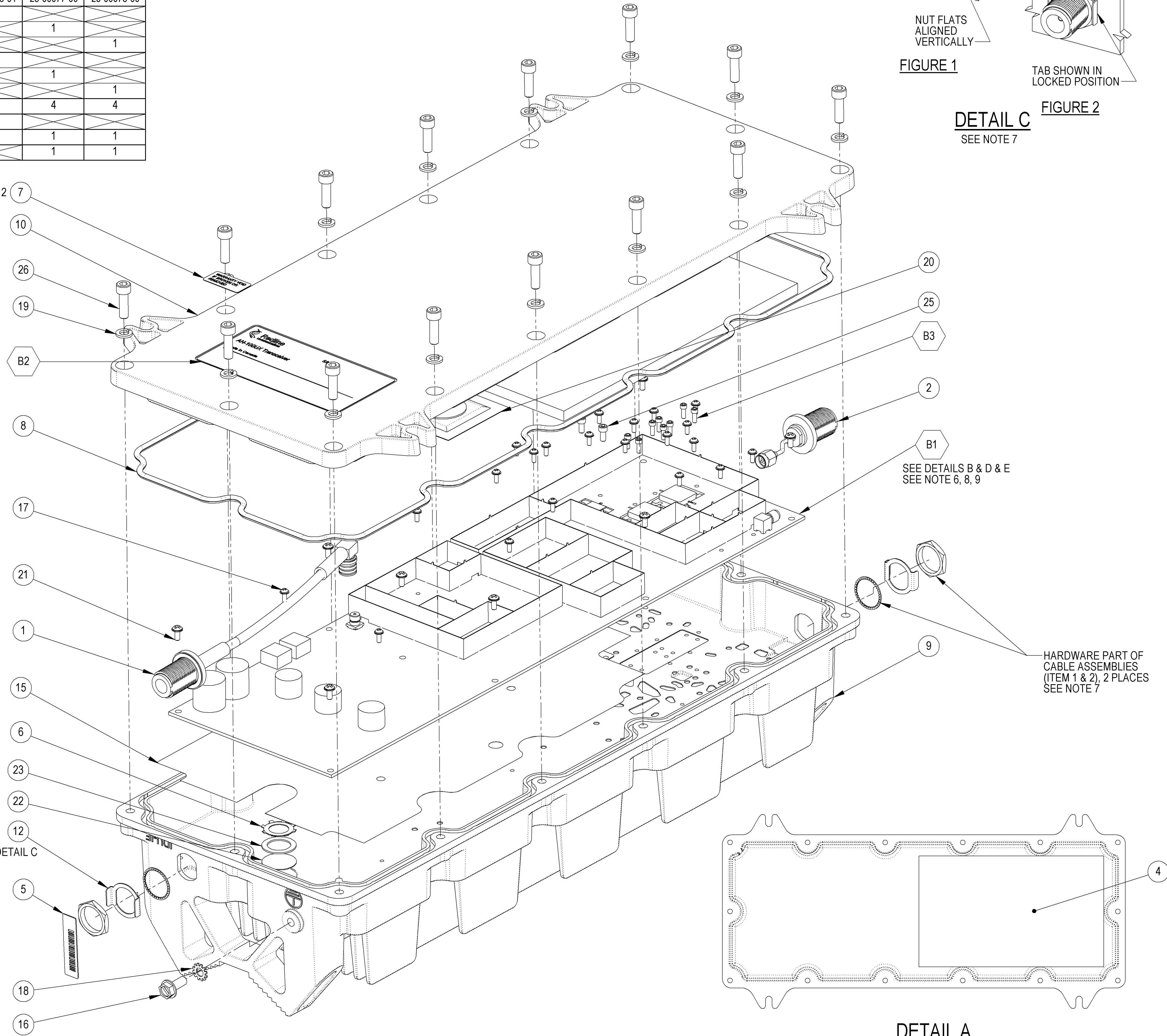


FIGURE 1

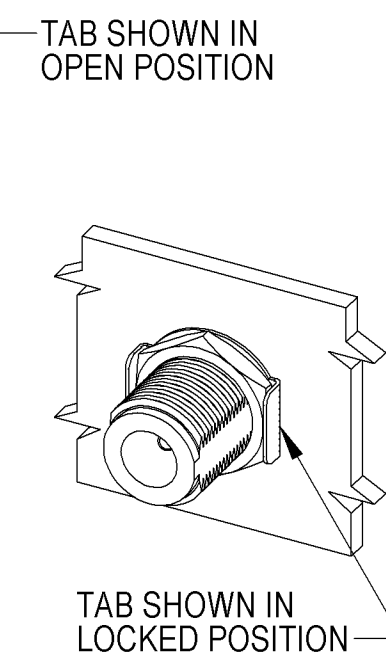


FIGURE 2

DETAIL C  
SEE NOTE 7

SEE DETAILS B & D & E  
SEE NOTE 6, 8, 9

HARDWARE PART OF  
CABLE ASSEMBLIES  
(ITEM 1 & 2), 2 PLACES  
SEE NOTE 7

DETAIL A  
ADHERE ITEM 4 AS SHOWN

## GENERIC PARTS LIST CHART

ITEM	QTY.	PART NO.	DESCRIPTION	NOTES
1	1	30-00265-00	CABLE ASSY, INTERIOR IF, N TYPE TO QMA, 7.50" O.A.L.	
2	1	30-00266-00	CABLE ASSY, INTERIOR RF, N TYPE TO SMA, 3.10" O.A.L.	
3		SEE CHART	PCA, AN-100UX ODU (HTB)	
4	1	50-00095-02	PAD, EMI ABSORBER, 8.00 X 4.80	
5	1	50-00330-01	LABEL, SERIAL NUMBER, GENERIC	
6	1	50-00453-00	WASHER, RETENTION, 3/4, EXTERNAL TOOTH	
7	1	50-00454-00	LABEL, TAMPER SEAL, CUSTOM	
8	1	50-00626-00	GASKET, MOULDED BASE STATION RADIO, AN-100UX	
9	1	50-00636-00	HOUSING, DIE CAST, AN-100UX ODU	
10	1	50-00637-00	COVER, DIE CAST, AN-100UX ODU	
11		SEE CHART	LABEL, HTB, RADIO, AN-100UX, P.O.D.	REFERENCE
12	2	50-00641-00	WASHER, TAB LOCK, N-TYPE	
13		SEE CHART	PAD, EMI ABSORBER, 3.00 X .875	
14		SEE CHART	PAD, EMI ABSORBER, 1.50 X 1.50	
15	1	50-00702-01	INSULATOR, HOUSING, DIE CAST, AN-100UX ODU	
16	1	60-00022-00	SCREW, 10-32 X 1/2 SLOT INDENT HEX MACHINE, GREEN ZINC	HAND TIGHT (7-8 THRD)
17	21	60-00047-00	SCREW, 2-56 1/4, PPHMS, SEMS, INTERNAL, SSTL.	4 in-lb TORQUE
18	1	60-00092-00	LOCKWASHER, #10 EXTERNAL TOOTH, SSTL.	
19	14	60-00112-00	LOCKWASHER, #10 SPLIT, SSTL.	
20	1	60-00211-00	HUMIDISORB PACKET, 2" X 2"	
21	8	60-00224-00	SCREW, 4-40 X 1/4, PPHMS, SEMS, INTERNAL, SSTL.	6 in-lb TORQUE
22	1	60-00248-00	MEMBRANE, ADHESIVE PRESSURE VENT, 19.1mmOD X 8.9mmID	
23	1	60-00249-00	WASHER, 3/4 OD, FLAT, NEOPRENE	
24		SEE CHART	SCREW, 2-56 X .250, SHCS, SSTL.	2 in-lb TORQUE
25	2	60-00343-00	SCREW, 4-40 X .250, SHCS, SSTL.	6 in-lb TORQUE
26	14	60-00388-00	SCREW, 10-32 X .625, SHCS, SSTL.	20 in-lb TORQUE
27		SEE CHART	PAD, EMI ABSORBER, 1.00 X 1.00	

### NOTES (UNLESS OTHERWISE SPECIFIED):

- FOR TORQUE VALUES OF FASTENERS REFER TO CHART.
- ADHERE ITEM 7 OVER SCREW (AFTER SCREW ASSEMBLY) SO THAT THE SCREW HEAD IS COVERED AS SHOWN.
- INSTALL ITEM 22 INTO BASE CAVITY AS PER W.L. GORE INSTRUCTIONS FOR INSTALLING ADHESIVE VENTS.
- INSTALL ITEM 23 AND PRESS IN ITEM 6 UNTIL ITEM 6 HAS BOTTOMED OUT ON ITEM 23. CARE MUST BE GIVEN NOT TO DAMAGE ITEM 22 DURING INSTALLATION OF ITEMS 6 & 23.
- ITEM 11 IS FOR REFERENCE ONLY. USE BOM 13-000XX-00 FOR DETAILS ON THIS ITEM.
- FOR CLARITY, SHIELD COVERS ARE NOT SHOWN ON DRAWING (EXPLODED VIEW). FOR THE ASSEMBLY OF THE PCA, THE SHIELD COVERS MUST BE REMOVED. ONCE ALL PCA FASTENERS ARE FULLY ASSEMBLED AND TORQUED TO THE HOUSING, THESE COVERS MUST BE REPLACED.
- INSERT LOCKWASHER, ITEM 12 AND NUT. FASTEN NUT TO A TORQUE VALUE OF 25 IN-LB. AFTER NUT TORQUE IS APPLIED, SEE THAT THE FLATS ARE ALIGNED VERTICALLY (FIG. 1). IF NOT, TURN THE NUT CLOCKWISE, UP TO 30° MAX. UNTIL THE FLATS ARE VERTICAL (FIG. 1). FOLD THE TABS OF ITEM 12 AS SHOWN IN FIGURE 2. CARE MUST BE GIVEN NOT TO SCRATCH OR MAR THE PAINTED/FINISHED SURFACE OF THE HOUSING.
- THE ELECTRONIC DEVICES, REFERENCE DESIGNATORS Q8 (WHEN USED) AND Q9 ARE TO BE FASTENED USING ITEM 24. THE DEVICES MUST BE FASTENED AND TORQUED PRIOR TO SOLDERING THE DEVICES TO THE PCB.
- THE ELECTRONIC DEVICE, REFERENCE DESIGNATOR Q3 IS TO BE FASTENED USING ITEM 25. THE DEVICE MUST BE FASTENED AND TORQUED PRIOR TO SOLDERING THE DEVICE TO THE PCB.
- SOLDER WICKING IS NOT ACCEPTABLE ON GOLD PLATED PADS ON BOTTOM SIDE OF PCA. ALL MASKS (IF USED) MUST BE REMOVED FROM THE PCA PRIOR TO ASSEMBLY INTO HOUSING.
- ASSEMBLE ITEMS 1 AND 2 TO ITEM 3, PRIOR TO ASSEMBLY INTO HOUSING.
- PARTS ON DRAWING ARE GENERICALLY DRAWN AND MAY NOT REPRESENT TRUE FORM AND/OR SHAPE OF ACTUAL PART IN FINAL ASSEMBLY.

03	ADDED NEW PART; REASSIGNED UNIQUE PARTS; ADDED SHEET 2	03/03/08
02	ADDED NEW BOM	01/28/08
01	REMOVED POLYBAG, TAPE, DESICCANT PACK; REMOVED NOTE 12; RESET ITEM NUMBERS	11/23/07
00	ISSUE	11/05/07
REV	DESCRIPTION	DATE

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QTY	USED ON	DO NOT SCALE DRAWING	SHEET 1 OF 2	SCALE N.T.S.

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**DRAWING, ASSY, HTB RADIO, DIE CAST, GENERIC, AN-100UX**

SIZE: **D** DWG NO: **80-00245-01** REV: **03**