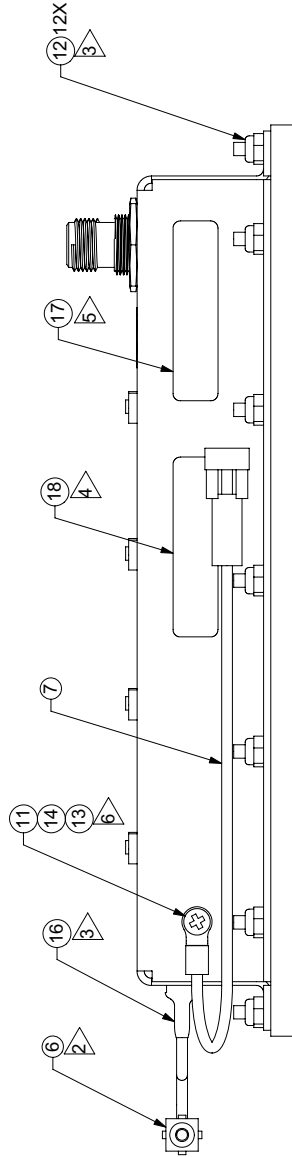
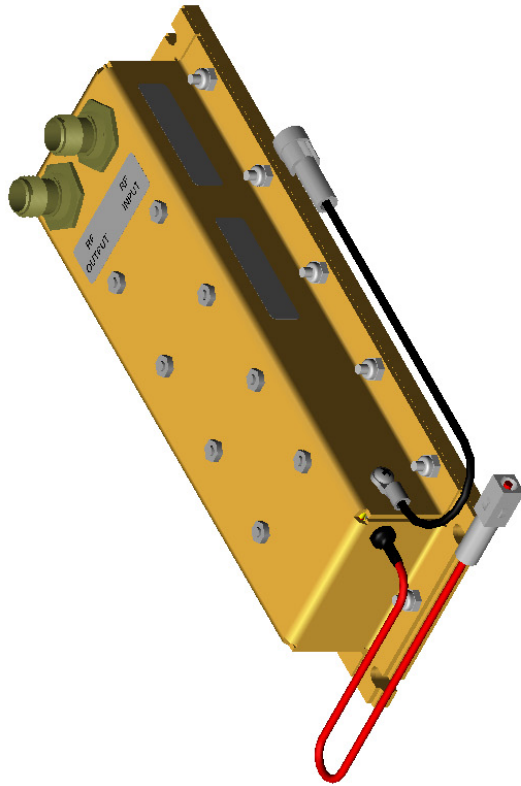
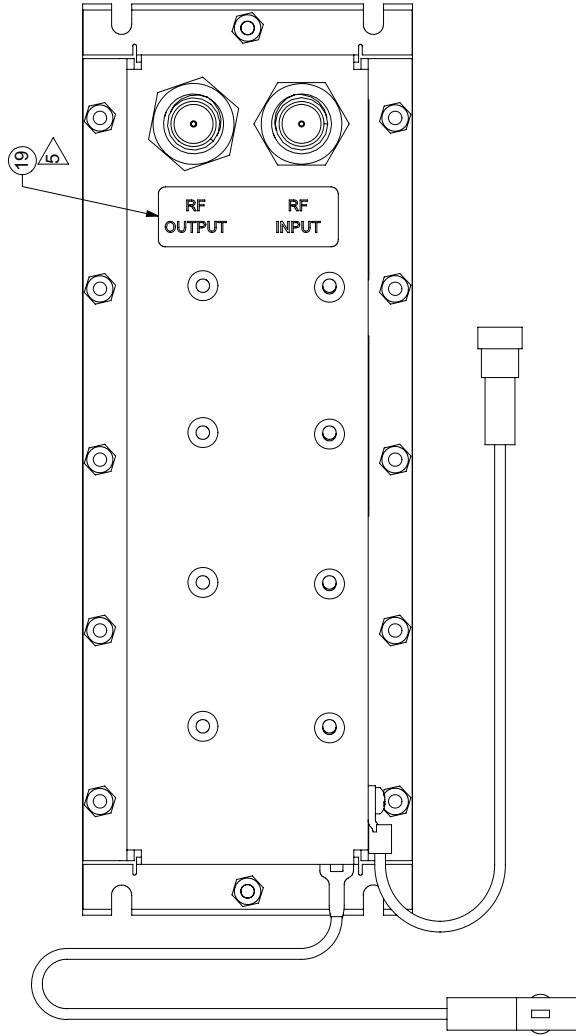


NOTES:

- 1 SOLDER CENTER CONDUCTOR AND SHIELD TO INDICATED PADS ON CIRCUIT BOARDS.
- 2 SOLDER RED WIRES TO POST OF EMI FILTER (ITEM NO. 15).
- 3 INSTALL HEATSHRINK OVER EXTERNAL HOUSING AND POST OF EMI FILTER. STRING HEATSHRINK OVER CABLE PRIOR TO SOLDERING.
- 4 MARK ITEM NO. 18 PERMANENTLY AND LEGIBLY ON APPROPRIATE LINE IN .06 TO .12 HIGH CHARACTERS G03015-001, MOST CURRENT REVISION, AND SERIAL NO. CLEAN SPECIFIED AREA OF ENCLOSURE USING ISOPROPYL ALCOHOL OR EQUIVALENT CLEANER. REMOVE PROTECTIVE BACKING FROM LABEL AND ATTACH TO CLEANED AREA.
- 5 CLEAN SPECIFIED AREAS OF ENCLOSURE USING ISOPROPYL ALCOHOL OR EQUIVALENT CLEANER. REMOVE PROTECTIVE BACKING FROM ITEM NO. 17 AND 19 AND ATTACH TO CLEANED AREAS.
- 6 TORQUE TO FASTENERS TO 6 IN-LB +/- 1.0 IN-LB.



UNION PACIFIC		DEPARTMENT: INFORMATION TECHNOLOGIES	
DRAWN BY: P SWEET		DATE: 9/2006	
APPROVAL:		DATE:	
TITLE: ASSY, AMPLIFIER, RF, 30W			
SIZE: C		DWG NO: G03015	
REV: A		SCALE: NO SCALE	
CAD FILE: G03015_REVA		SHEET 1 OF 2	

ALL REFERENCES APPLY TO ALL PAGES. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE UNLESS OTHERWISE SPECIFIED. 2 PLACE DIM. 3 PLACE DIM. ANGLES ± .03 ± .010 ± 30'

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Union Pacific Railroad Single Level Bill of Materials

G03015-001

ASSY, AMPLIFIER, RF, 30W

Rev A Last Update 2/16/2007

Item	Qty	Units	Reference	MFG	MFG Part Number	Part Number	Description	Rev
1	1	ea		CONTRACT MFG	G15150-001	G15150-001	* ASSY, PCB, 800/ 900 MHz, 45 W POWER MODULE (100-020)	
2	1	ea		CONTRACT MFG	G15151-001	G15151-001	* ASSY, 800/900 MHz, LOW PASS FILTER, AMPLIFIER	
3	1	ea		CONTRACT MFG	G15152-001	G15152-001	* ASSY, 800/900 MHz, BY-PASS RELAY, AMPLIFIER	
4	1	ea		GATER INDUSTRIES	G01493-004	G01493-004	CABLE, RF,TNC BULK HEAD, RG316, STRIPPED & TINNED, 4.00	
5	1	ea		GATER INDUSTRIES	G01494-001	G01494-001	CABLE, PWR / RF DETECT, INTERNAL, AMPLIFIER	
6	1	ea		GATER INDUSTRIES	G01495-001	G01495-001	CABLE, EXTERNAL PWR, AMPLIFIER	
7	1	ea		GATER INDUSTRIES	G01496-001	G01496-001	CABLE, EXTERNAL GND, AMPLIFIER	
8	1	ea		PROGRESSIVE SHEET METAL INC	H01748-001	H01748-001	HEAT SINK, RF AMPLIFIER, 15W	
9	1	ea		PROGRESSIVE SHEET METAL INC	H01749-001	H01749-001	COVER, RF AMPLIFIER, 15W	
10	2	ea		RAF ELECTRONIC HARDWARE, INC.	2054-440-SS-20	K03033-104	STANDOFF, FEM 3/16 HEX, SS, 4-40 X 5/16	
11	11	ea		MCMaster-CARR	91400A107	K02051-004	SCREW, PHIL PAN ,SS, 4-40 X 5/16	A
12	16	ea		MCMaster-CARR	91831A005	K06001-002	NUT, NYLOCK, SS, 4-40 (073-4982-0)	
13	13	ea		MCMaster-CARR	90945A711	K01044-004	WASHER, FLAT, RDC OD, SS, #4	A
14	17	ea		MCMaster-CARR	91475A018	K01048-006	WASHER,LOCK,SPLIT,SS,#4M (073-7551-0)	A
15	1	ea		SPECTRUM CONTROL INC	54713001X5U102P	B07107-001	SOLDER POST, EMI FILTER	
16	0.083	FT		MOUSER ELECTRONICS	FIT1051/4 BK008	J04007-006	TUBING,SHRINK,2:1, 1/4" BLK	
17	1	ea				I02077-002	LABEL, FCC ACCEPTANCE, PWR AMPIFIER G03015	
18	1	ea				I02081-001	LABEL,SERIAL, AMPLIFIER	
19	1	ea				I02080-001	LABEL, RF IN/OUT, AMPLIFIER	

End of BOM

* Indicates Sub-Assy