TD _ Engineering Fabrication Component Kit List

Process Engineering

Component Serial No.	PRFTA010
Kit submitted by:	Larry Mitcham
Fermi ID No.	30419C
Date submitted:	14-Oct-15
Need date:	8-Oct-15
Deliver to:	IB2
Use with Traveler No.	464120
Job No.	508
M&S task number:	2103/2103.02.01.07.01.TD
Drawing Title:	RF Tuner Assembly
Drawing No.	394822

Material Control

Parts available

Verified by:	[illegible]
Fermi ID No.	6080
Date submitted to stockroom:	10/19/15

Parts issued

Issued by:	[illegible] + Hernandez
Fermi ID No.	31964C +
Date issued:	10/20/15
Parts received by E&F:	[illegible]
Fermi ID No.	13182
Date received by E&F:	10-20-15

		Description	Dwg Size	Number	Rev	Unit	Qty Req'd	Location	Qty Issued	E&F Verified	Routing Form Number	Spares / Comment
11	1	Tuner Center Section		F10029331		EA	1	R6,L2	1		98509	
	~~2~~	~~Hi Mu Toshiba Ferrite~~		~~496032~~		~~EA~~	~~10~~					IB2 HAS
	~~3~~	~~Low Mu Stackpole Ferrite~~		~~496033~~		~~EA~~	~~18~~					IB2 HAS
	~~4~~	~~Disk/Shell Assembly~~		~~394823~~	A	~~EA~~	~~26~~	IB4 MIDFLOOR				394815 98601
15	5	Air Cooled Copper Ring	B	394821		EA	2	~~IB4 MIDFLOOR~~ R5,L4	2		98223	
93	6	Jumper Straight	MB	21127 ~~F00394845~~		EA	1	R1,S2,L2	1		97289	
92	7	Jumber swaged	MB	21128 ~~F09010105~~		EA	1	R1,S2,L4	1		97291	
	~~8~~	~~Tube, Copper 3/8in OD 4in Long~~		~~F10001516~~		~~EA~~	~~4~~					CUT IN ASSEMBLY
60	9	3/8in, male flare to solder		FC0049845		EA	4	R1,3,3	4		98002	
	~~10~~	~~Cone Assembly~~		~~496031~~		~~EA~~	~~2~~		Do Not Issue			

PRFTA010.xls

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*10	11	Center Tube		394871		EA	1	R7,3,2 ~~JB4~~	1			
17	12	SS End Spacer	MC	394834	A	EA	2	JB4 ~~R3,1~~	2.		96064.	
*483	13	Alignment Pins	MB	394825		EA	8	R1,S3,L1 ~~JB4~~	8		97978	
55	14	Kapton Washer		394831		EA	4	R7,S3,L2 ~~JB4~~ ~~MIDFLOOR~~	4		97066	
*10	15	End SS Flange	B	394835		EA	1	R2,S3,L4	1		98382.	
11	16	Tension Plate		394836		EA	1	R4,L1	1		97864	
16	17	End Tube Threaded Nut		394826		EA	2	R7,3,2 ~~JB4~~ ~~MIDFLOOR~~	2.		96568	
1	18	Inner Package Assembly		F00496030		EA	1	QC SURFACE PLATE	1			
150	19	Insulating Washer		394811		EA	2	R3,1	2.		96902	
11	20	Front Connecting Bus Long		394853		EA	1	R7,3,2 ~~JB4~~	1		98165.	
24	21	Short Connecting Bus		394852		EA	1	R1,3,1 ~~JB4~~	1		97403	
32	22	Front Connecting Bus Short		394932	B	EA	8	R2,1,2	8		96143	
20	23	Inner Bus Washers		394867		EA	20	R7,3,2 ~~JB4~~	20			
4	24	Rear Connecting Bus Long		394855		EA	1	R7,S3,L2 ~~JB4~~	1		97404.	
11	25	Rear Connecting Bus Long Left		394856	A	EA	1	R2,1,2 ~~JB4~~	1		98166	
32	26	Rear Connecting Bus Short		394933		EA	8	R2,1,2	8		96144.	
223	27	Bus Bar Clips		394829		EA	30	R7,S3,L2 ~~JB4~~	30			alt MB-22321
481	28	Bus Bar Standoff		394857	A	EA	8	R1,3,2 ~~JB4~~	8		97977	alt 21718

PRFTA010.xls

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	30	Outer Bus		394940	B	EA	8	R2,S1,L4	8		97785	
191	31	Outer Bus Washer		394868		EA	16	R1,L4 ~~1B4~~	16		96350	
21	32	Stem Assembly		394639		EA	1	R6,L1	1		96343	alt 394382
201	33	3/8 Flare x 1/4 Solder Mueller Brass # A-3443		3443 should be ~~FC0050457~~			4	R2,3,1	4		96649	
60	34	3/8 Flare Coupling Nut Mueller Brass # A-5052		3446 should be ~~FC0050458~~			20	R1,1,4	20		97000	
992	35	10-32 x 1 1/4 SHCS 18-8 SS		FC0003317			80	R1,1,3	80		96937	
2272	36	Belleville washers for 10-32		9009951			160	R1,S3,L4	160		96935	
1212	37	Kapton bar insulation 4" x 4" .005in thk		F10037288			72	R2,S2,L5	72		97999	
370	38	Kapton finger insulation 3/4" x 4" .005in thk		F10037222			20	R2,2,5	20		97998	
336	39	#10-32 PHMS Phillips, 1/4 18-8 stainless		FC0019142		EA	16	R1,S3,L4	16		19142	
168	40	#10-32 PHMS Phillips 5/8" long 18-8		FC0019147		EA	8	R1,3,3	8		98004	
160	41	3/8-16 HHCS 5/8" long 18-8 SS		FC0008559		EA	8	R1,S3,L1	8		97935	
404	42	#10 Internal Tooth Lock Washer, 18-8 SS		FC0050407		EA	24	R1,3,3	24		98006	
42	43	#10-32 SHCS 1/2" FT 18-8 SS		FC0003313			2	R1,3,2	2		98144	
	44	3/8 Flare gasket copper		FC0050605		EA	50	R2,3,2				
10	45	Blank Flange Kit		394824	A	EA	1	R2,S3,L4	1		98361	
36	46	Booster RF Cavity Tuner Hoist Point A		F10037495		EA	2	R6,L1	2		98354	

PRFTA010.xls

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36	47	Booster RF Cavity Tuner Hoist Point B		F10038587		EA	2	R6, L1	2		98355	
59	48	Shoulder Bolt .25Dx.312Lx10-32 18-8 SS		FC0050856		EA	8	25, B3	8		98477	
	~~49~~	~~Key Locking Insert 10-32~~		~~FC0053266~~		EA	2					
140	50	1/4' HHCS		~~3345~~ 338224		EA	16	12B7	16		91967	