


ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	MATERIAL
1	1	112586-XX	FINISH MACHINING & BRAZING, 3kw, ROD FED e-GUN(TM)	.
2	2	112156	HIGH VOLTAGE INSULATOR FOR HC EMITTER ASSEMBLY	ALUMINA 99.0% MIN.
3	A/R	113347-XX	3kW EMITTER, ROD-FED e-GUN(TM) MAGNET SPACER, MACHINING	304 SST/304-L SST
4	1	113278	HORSESHOE PERMANENT MAGNET, ROD-FED e-GUN(TM) 3kW	ALNICO 5
5	1	112564	FILAMENT LEG, NEAUTRAL 3kW ROD-FED	OFHC COPPER
6	1	112566	INSULATED FILAMENT LEG, 3kW ROD-FED	OFHC COPPER
7	2	111418-01	WASHER, CERAMIC	ALUMINA 98% MIN.
8	2	.	SOC. TYPE SET SCREW, FLAT POINT, #4-40 X 1/4"LG.	18-8 SST
9	2	.	PHILLIPS FLAT HD. SCREW, #6-32 X .44"LG.	"VENTED" 18-8 SST
10	4	.	SOC. HD. SET SCREW, FLAT POINT, #6-32 X 3/16"LG.	18-8 SST
11	2	.	PHILLIPS PAN HD. SCREW, #6-32 X .44"LG.	"VENTED" 18-8 SST
12	1	22001-2	CERAMIC INSULATOR	CERAMIC
13	2	.	PHILLIPS FLAT HD. SCREW, #6-32 X .25"LG.	"VENTED" 18-8 SST
14	2	.	ROLL PIN, $\phi$ 3/32"O.D. X .31"LG.	18-8 SST
15	1	112575	COVER TUBE MACHINING, 3kW ROD-FED e-GUN(TM)	304 SST/304-L SST
16	2	.	PHILLIPS FLAT HD. SCREW, #8-32 X .19"LG.	18-8 SST
17	2	.	SOC. HD. SET SCREW, FLAT POINT, #6-32 X 1/2"LG.	18-8 SST
18	1	21015	FILAMENT (300 W)	TUNGSTEN
19	1	112565	CATHODE SHIELD, MACHINING & BENDING, 3kW ROD-FED	MOLYBDENUM

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	<b>thermionics laboratory inc.</b> <b>1842 Sabre St., Hayward Ca. 94545</b>		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm$ N/A ANGULAR: MACH $\pm$ BEND $\pm$ .5° TWO PLACE DECIMAL $\pm$ .01 THREE PLACE DECIMAL $\pm$ .005 SURFACE FINISH 63 R.M.S.		DRAWN	C. FARROW		1-16-15	
		INTERPRET GEOMETRIC TOLERANCING PER: ANSI		CHECKED				
		MATERIAL		ENG APPR.				
		3kW ROD-FED e-GUN(TM)		MFG APPR.				
NEXT ASSY	USED ON	FINISH		Q.A.				
APPLICATION		DO NOT SCALE DRAWING				SIZE <b>B</b> DWG. NO. 113348 REV		
						SCALE: 1:2	WEIGHT:	SHEET 1 OF 1