



QTY	ITEM	REV	DESCRIPTION	MATERIAL SPECIFICATION	NOTES
1	9	-	CRYSTAL, 20.5MM X 20.5MM X 200.5MM LG	LEAD TUNGSTATE CRYSTAL	
2	8	-	FOIL .001 THK X .50 W	BRASS, HALF HARD ALLOY 260	
4	7	FASTENAL 73402	SHCS, 2-56 UNC X 0.50LG	STAINLESS STEEL	
4	6	MCMASTER 94355A212	SET SCREW, 2-56 X 0.25LG	STAINLESS STEEL	
1	5	HAMAMATSU CX7086	PHOTOMULTIPLIER TUBE, R4125-01 SEL		
1	4	66813-03504	PMT CAPTURE PLATE		
1	3	66813-03503	JACKING PLATE		
1	2	66813-03502	HIGH VOLTAGE OFFSET TUBE		
1	1	66813-03501	UPSTREAM PLATE		

PARTS LIST		MATERIAL		UNITED STATES	
QTY	ITEM	REV	DESCRIPTION	UNITED STATES	DEPT. OF ENERGY
1	9	-	CRYSTAL, 20.5MM X 20.5MM X 200.5MM LG	HALL D	
2	8	-	FOIL .001 THK X .50 W		
4	7	FASTENAL 73402	SHCS, 2-56 UNC X 0.50LG		
4	6	MCMASTER 94355A212	SET SCREW, 2-56 X 0.25LG		
1	5	HAMAMATSU CX7086	PHOTOMULTIPLIER TUBE, R4125-01 SEL		
1	4	66813-03504	PMT CAPTURE PLATE		
1	3	66813-03503	JACKING PLATE		
1	2	66813-03502	HIGH VOLTAGE OFFSET TUBE		
1	1	66813-03501	UPSTREAM PLATE		

- NOTES:
- TORQUE ALL SET SCREWS (ITEM 7) TO .64 IN/OZ TO PRELOAD STRAPS (ITEM 9) TO 4.7 LBS EACH AT 23°C.
 - APPROXIMATE WEIGHT OF COUNTER ASSEMBLY - 1.6 LBS
 - PHOTOMULTIPLIER TUBE (ITEM 5) IS WRAPPED WITH 65um MU-METAL AND 35um KAPTON BY PRIMEX GROUP.
 - BAND LENGTH SET BY USING CRYSTAL COUNTER BRAZING FIXTURE DWG 66813-03571 AND GAUGE DWG 66813-3582.